

Welcome!

Icebreaker:

While we're waiting for people to sign in, feel free to share into the chat:

- Your name
- Your neighborhood
- What were some of your favorite park activities when you were growing up?



Our Parks Our Plan

Parks & Open Space Planning



City of Cambridge
Community Development Department

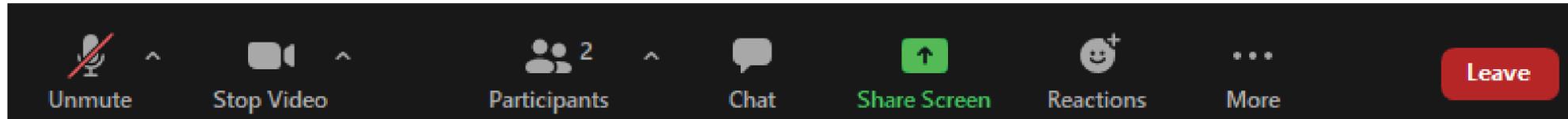




Meeting Agenda

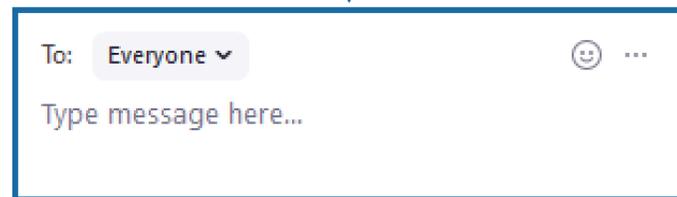
- Welcome
- Community Core Values
- Existing Conditions
- Breakout Groups
- Reconvene
- Next Steps

Getting to Know Zoom

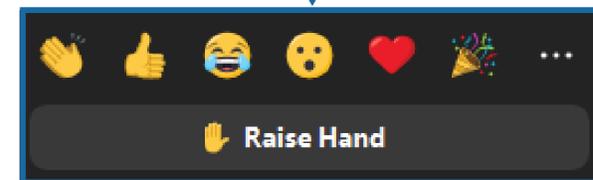


↑ ↑
Please leave your **audio muted** and video on (if comfortable)

↑
Click to open the **Chat** box. This will allow you to chat with the Hosts and Participants.



↑
Click to open the **Reactions** box. This will allow you to give nonverbal feedback.



For Zoom-related questions reach out to Lev McCarthy via chat or email lmccarthy@cambridgema.gov



If you're having connectivity issues, call in at 929/436-2866 Meeting ID: 897 6365 1164



We're recording!

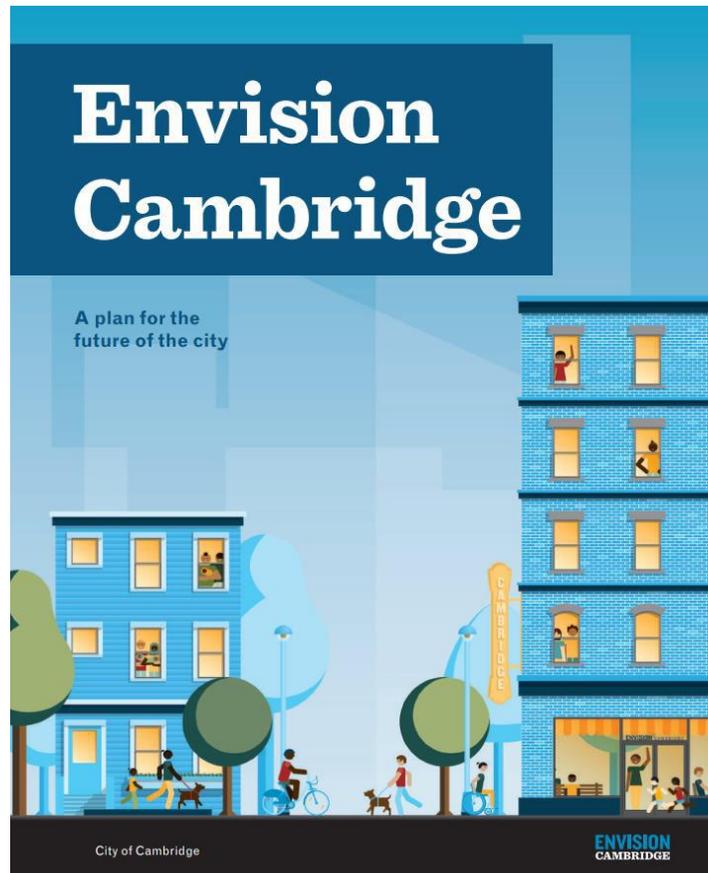
Parks and open spaces are a key part of the City's infrastructure for maintaining and increasing quality of life



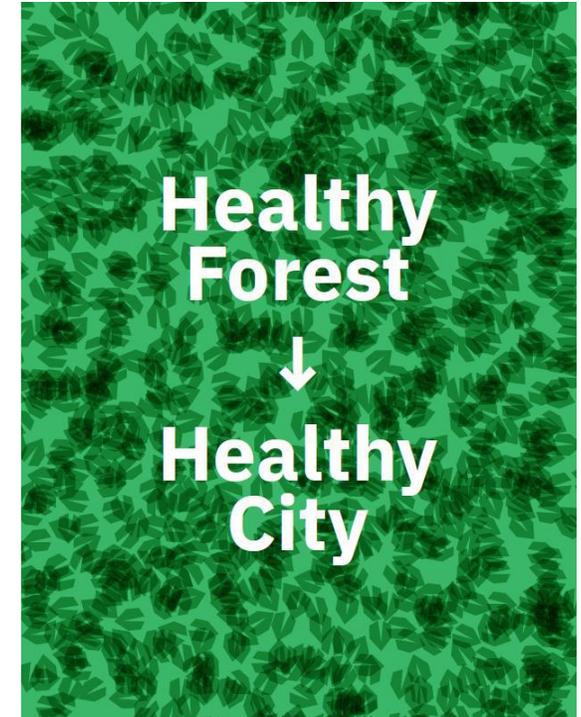
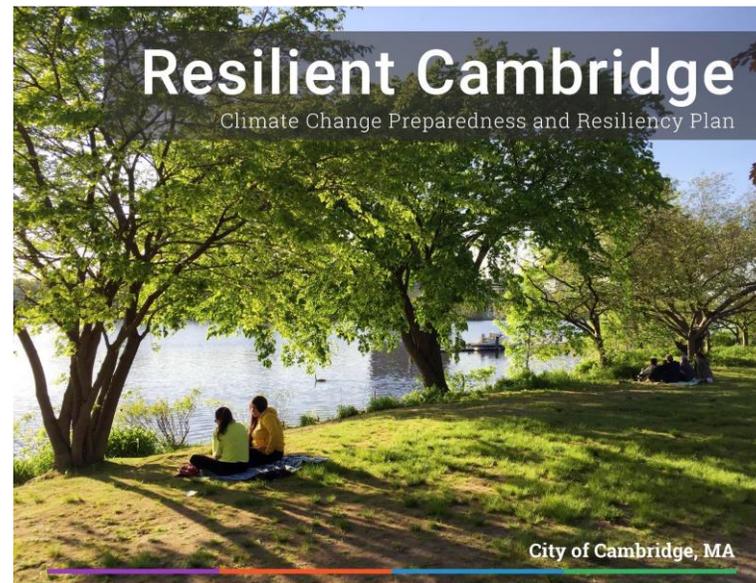
Open Space Planning Process



Community Core Values



- Livability
- Diversity and Equity
- Economic Opportunity
- Sustainability and Resilience
- Community Health and Well-Being
- Learning



Community Core Values

Livability - *We value a vibrant built and natural environment and support sustainable transportation with affordable and convenient access to daily needs and recreational resources.*

Diversity and Equity - *We are a welcoming community that celebrates our diversity and ensures access to affordable housing choices and opportunities to succeed.*

Economic Opportunity - *We provide opportunity and stability through access to quality jobs, workforce development and training, and livable wages that support economic security for residents.*

Community Core Values

Sustainability and Resilience - *We take responsible action to reduce our impact on the environment and build a resilient city and strong community.*

Community Health and Well-Being - *We promote healthy and active lifestyles in a supportive, safe community with diverse opportunities to connect with our neighbors and nature and to engage in civic life.*

Learning - *We embrace lifelong learning and celebrate art and creativity in our culturally rich community.*

Community Values and Priorities

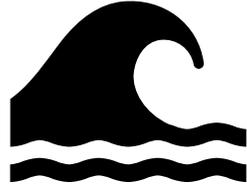


How do we define open space needs?

Access



Resilience



Public Health



Community



**Viewed
through
Equity Lens**

**Open Space
Needs**

Factors and Metrics

Park Access 	Resilience 
Park type walksheds*	Tree canopy density
Proximity to multiple park types	Urban heat island (current day)
Access to open space acreage*	FEMA 100-yr flood (current day)
Population density with housing starts*	Projected flooding (100 and 500-yr flood by 2070)
Accessible acres of park space per resident	

Public Health 	Community 
Asthma (estimated prevalence)	Age Distribution (65+)
Diabetes (estimated prevalence)	Family populations
High Blood Pressure (estimated prevalence)	Person with any disability
Obesity (estimated prevalence)	Population at or below 200% poverty level
Lack of Physical Activity (estimated prevalence)	Percentage Minority Population by Census tract
	Population without vehicle access

Factors
Metrics

* (Incorporated into subsequent map)

Existing Conditions: Questions to Consider

What factor(s) do you consider important and why?

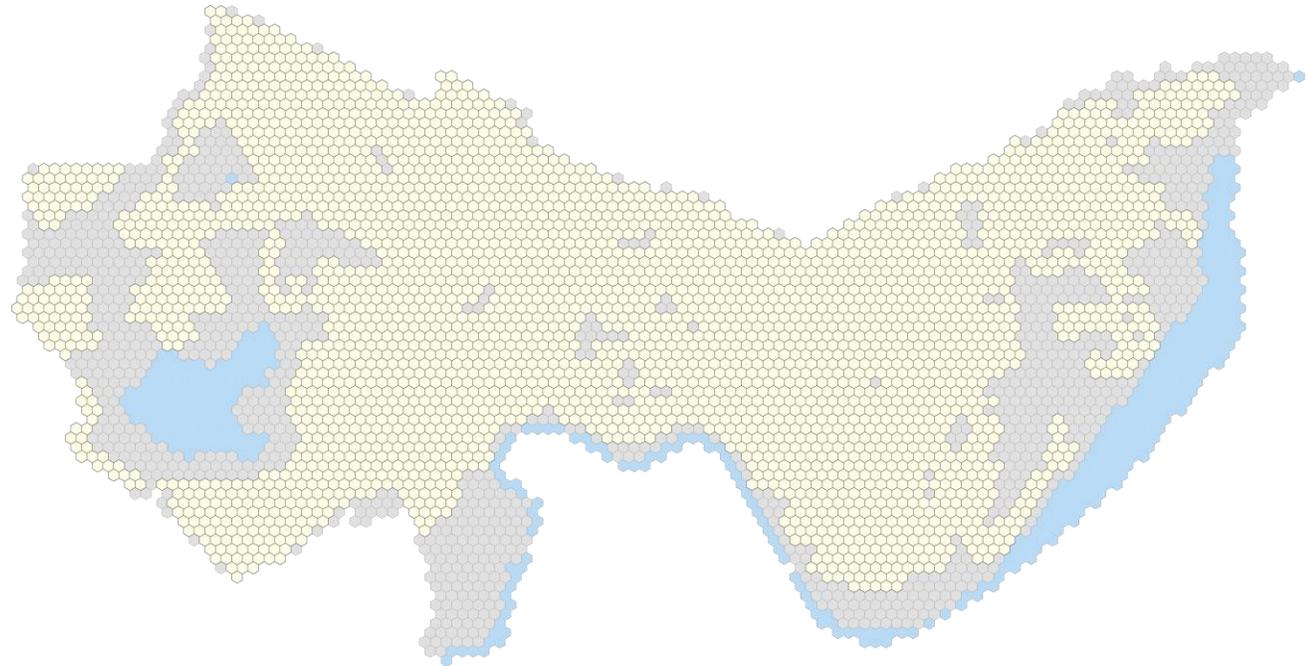
For each factor, consider:

Are these the right metrics?

What's missing?

Are there any that you think should be emphasized?

Are there additional factors (broad categories) that we should be looking at?



An aerial photograph of a city neighborhood. In the foreground, there is a large green baseball field with a brown infield, identified as Donnelly Field. The field is surrounded by trees with autumn foliage in shades of yellow, orange, and red. Beyond the field, there is a dense residential area with multi-story buildings, mostly in shades of white, grey, and brown. The sky is overcast and grey. A semi-transparent white box with a light green gradient is overlaid on the right side of the image, containing text.

Park Access

Park types and park type walksheds

Areas of the city that are within a 5-minute to 10-minute walk to different park types.

Proximity to Multiple Park Types

Areas within walking distance to multiple park types.

Access to Open Space Acreage

Total acreage amount of park space accessible (within walking distance) for different areas of the city

Population density (with housing starts)

Residents per acre

Accessible Acres of Park Space per Resident

Amount of park space per resident based on population density and parks (walking distance and uniform $\frac{1}{4}$ mi)

Cambridge Park Types

Open Space Categorized
by Park Type

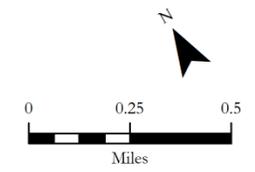
Arlington

Somerville

Boston

Boston

- Park Types**
- Mini Park
 - Neighborhood Park
 - Community Recreation Park
 - Citywide Park
 - Plaza
 - Pocket Park
 - Public Historic Site



Cambridge Park Types

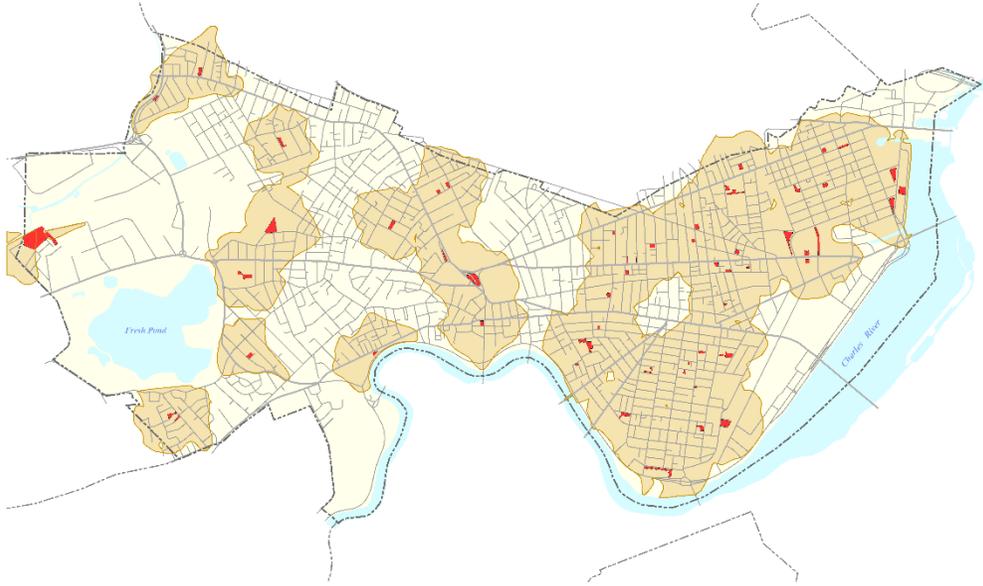
Park Types and Walkshed Distances

Mini-Parks (1/4 mi)	Neighborhood Park (1/2 mi)	Community Recreation Park (1/2 mi)	Citywide Park (1/2 mi)
Small parks of a scale and/or design where there is a single program type.	Scale and function where multiple types of uses can be accommodated at a single site.	Larger open space areas that provide space for programmed activities, generally athletic league use.	Parks that serve a larger user base, including regional users and/or are parks that provide a unique landscape or open space area.

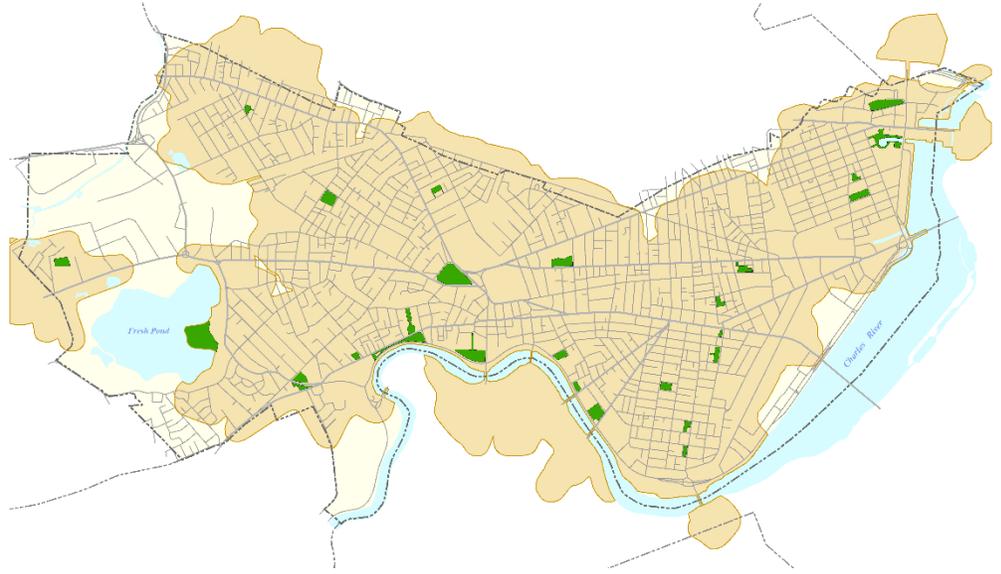
Additional Types – No Walkshed Distance Measured

Pocket Park	Plaza
Very small open space area, generally located near or within the public right of way.	Open area where the majority of space is hardscape and shade trees. These are generally located on larger streets or in commercial districts.

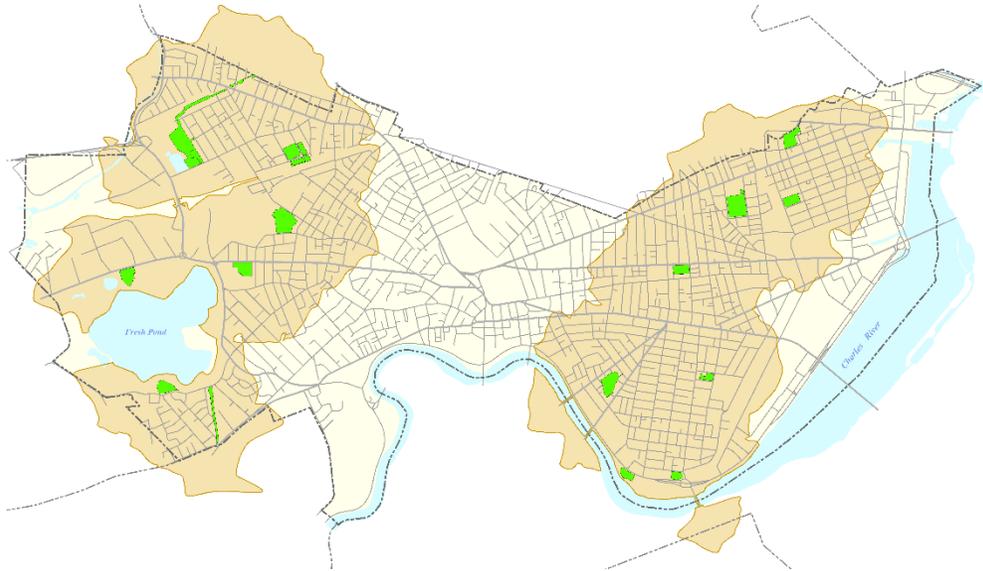
Mini Parks



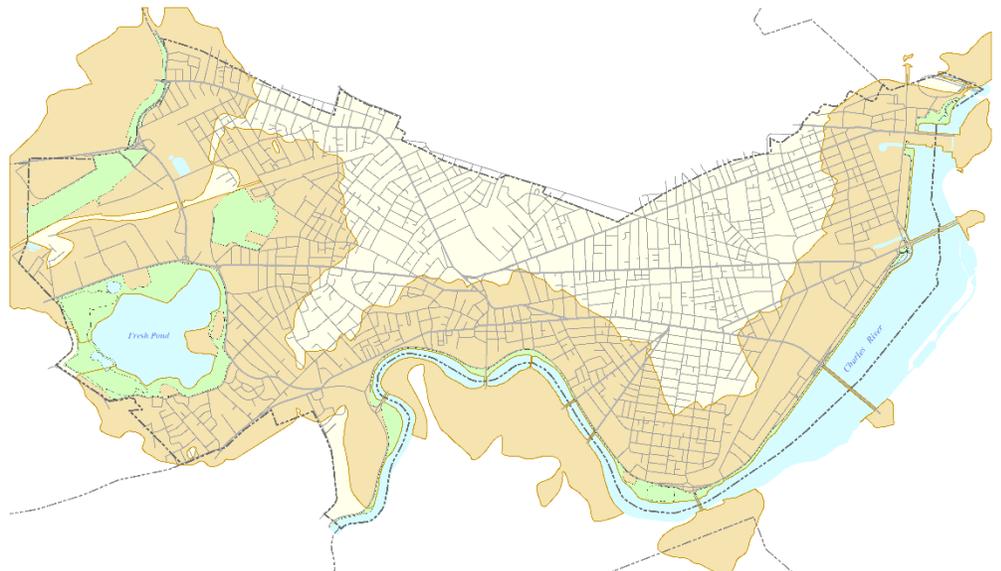
Neighborhood Parks



Community Recreation Parks



Citywide Parks

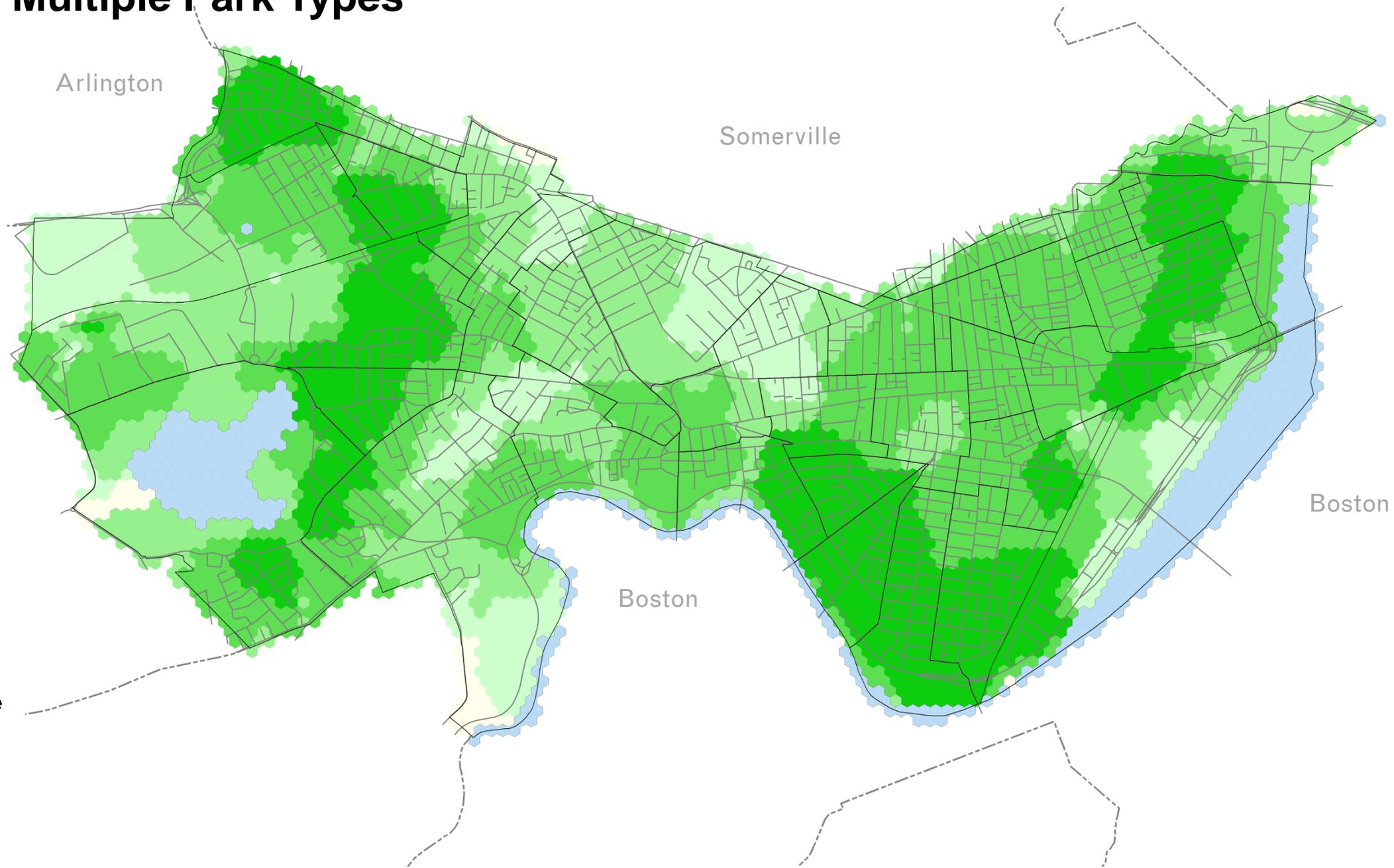
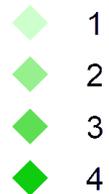


Proximity to Multiple Park Types

The number of park types to which different areas of the city have access within walking distance.

This includes 1/4 and 1/2-mile walksheds based on the park type.

Number of Park Types within Walking Distance of Each Grid Cell

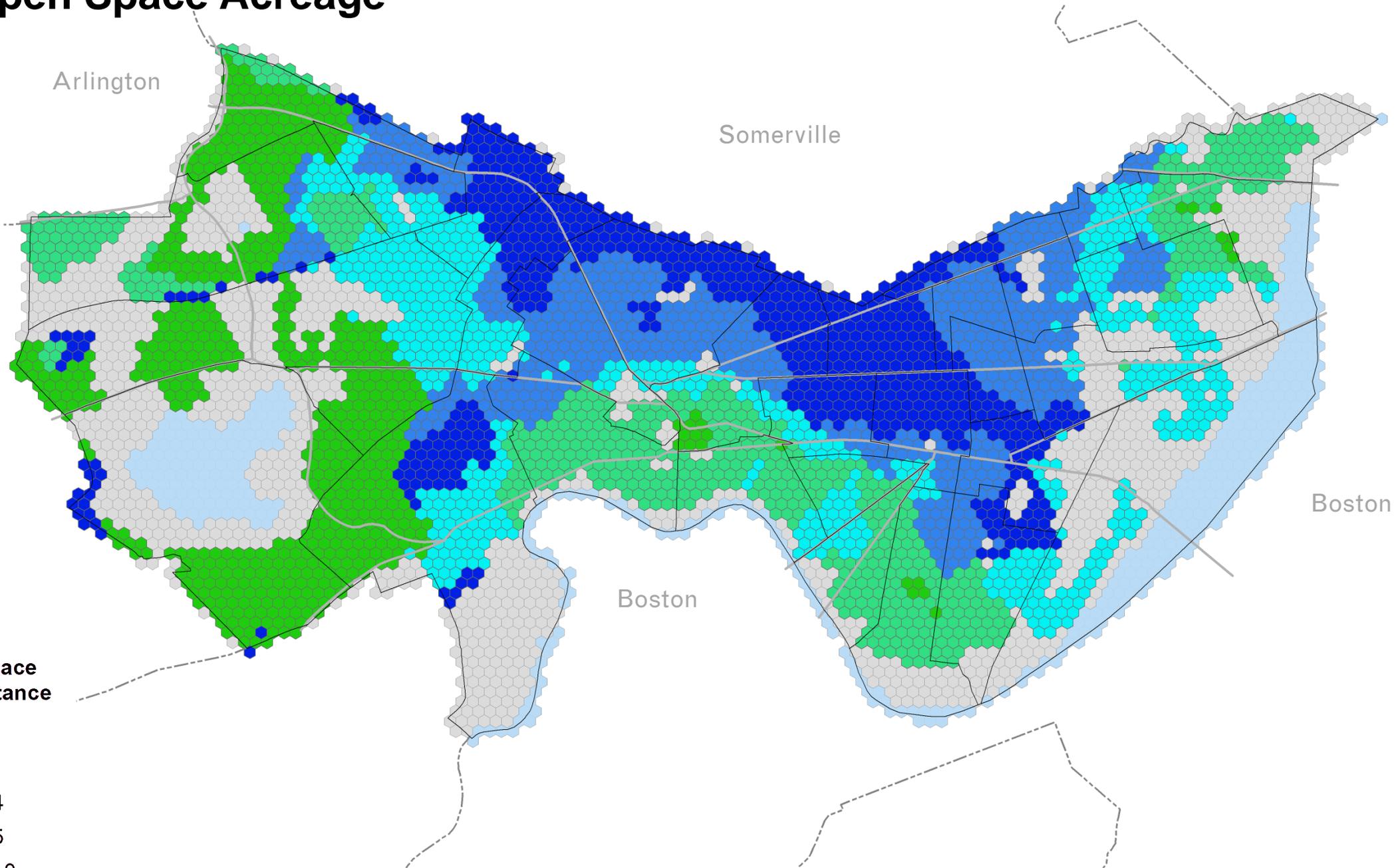


Access to Open Space Acreage

Total open space acres within walking distance of populated cells (by park type distances)

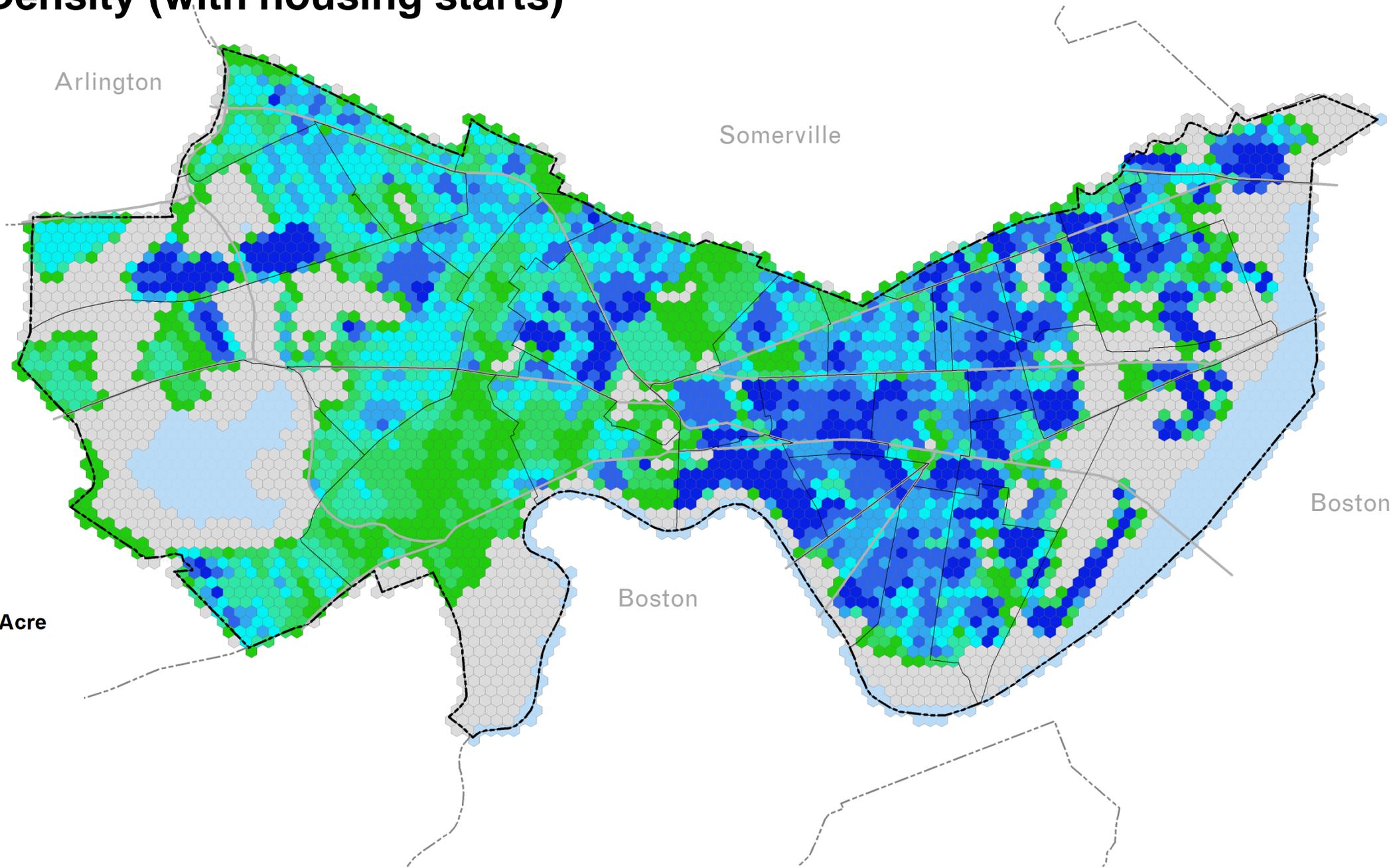
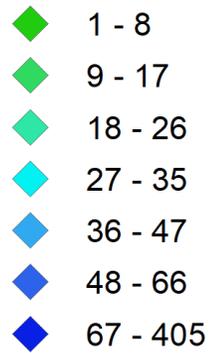
Acres of Open Space within Walking Distance

- 0.0 - 9.5
- 9.6 - 16.2
- 16.3 - 71.4
- 71.5 - 81.5
- 81.6 - 171.0



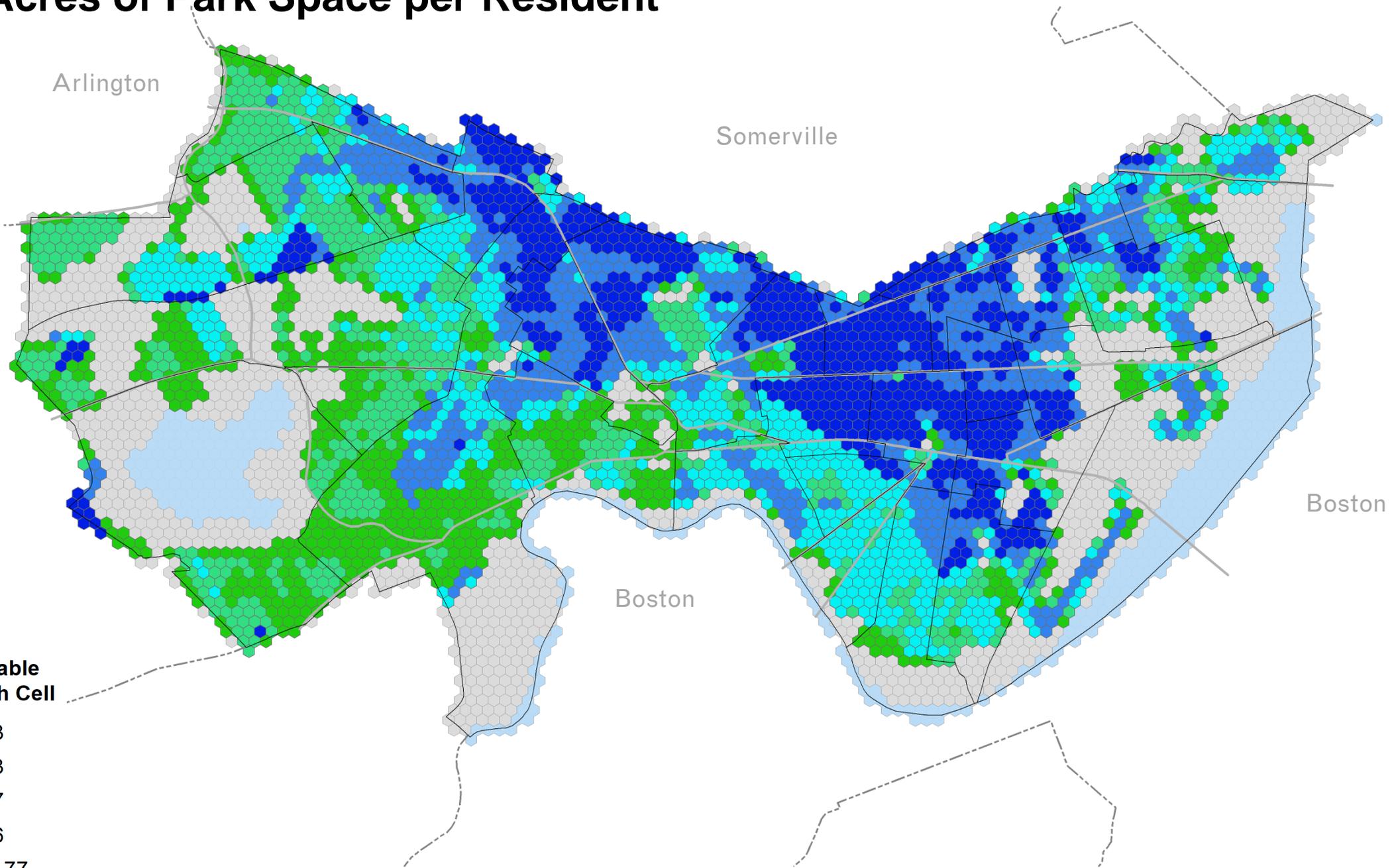
Population Density (with housing starts)

Population per Acre



Accessible Acres of Park Space per Resident

Park space within walking distance (¼ mi and ½ mi distances), divided by population density

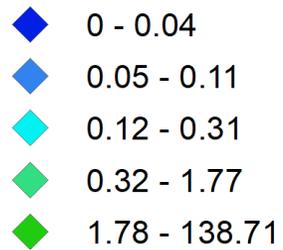


Accessible Acres of Park Space per Resident within Quarter-Mile Distance

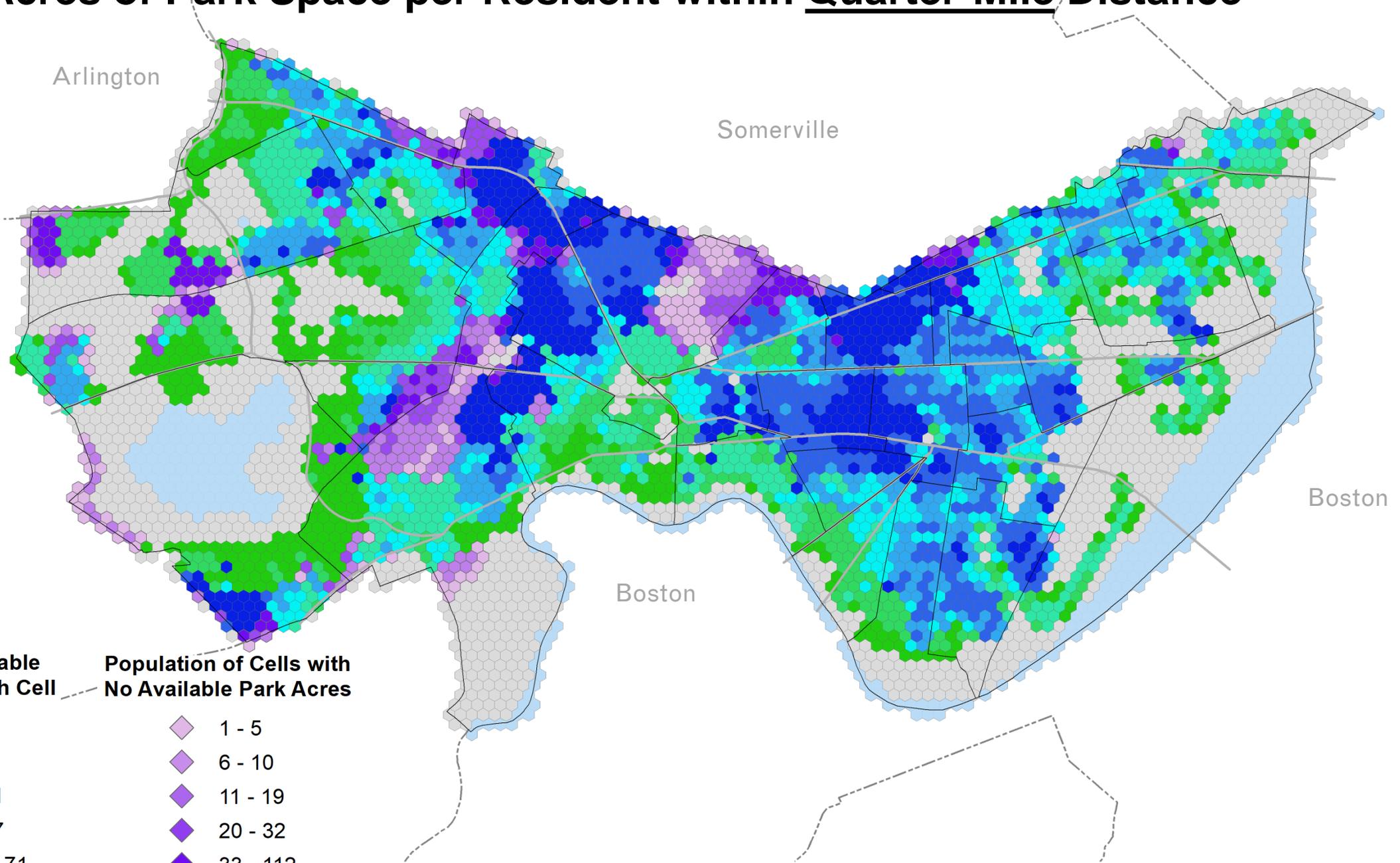
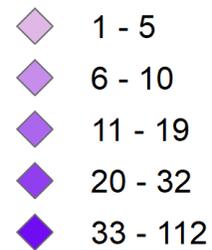
Park acres available by walking distance when only using smaller ¼ mi walking distance.

Purple cells indicate populated cells where no public open space is within ¼ mi (~5 min walk).

Park Acres Available per Person in Each Cell



Population of Cells with No Available Park Acres



Resilience

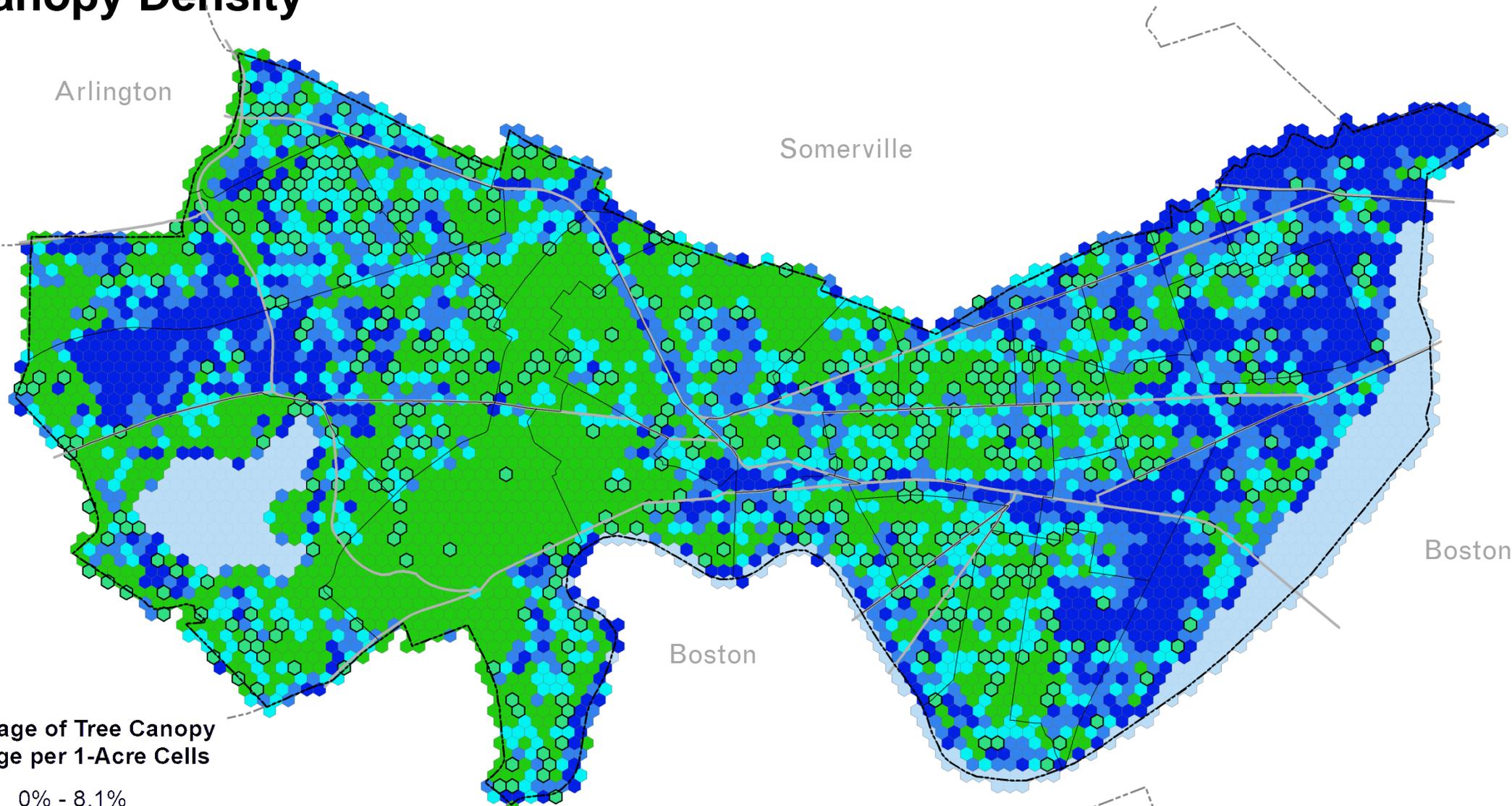
Tree canopy density

Urban heat island (current day)

FEMA 100-yr flood (current day) and City Parks

Projected flooding (100-year flood by 2070)

Tree Canopy Density



Percentage of Tree Canopy Coverage per 1-Acre Cells

Less



More

◆ 0% - 8.1%

◆ 8.2% - 16.5%

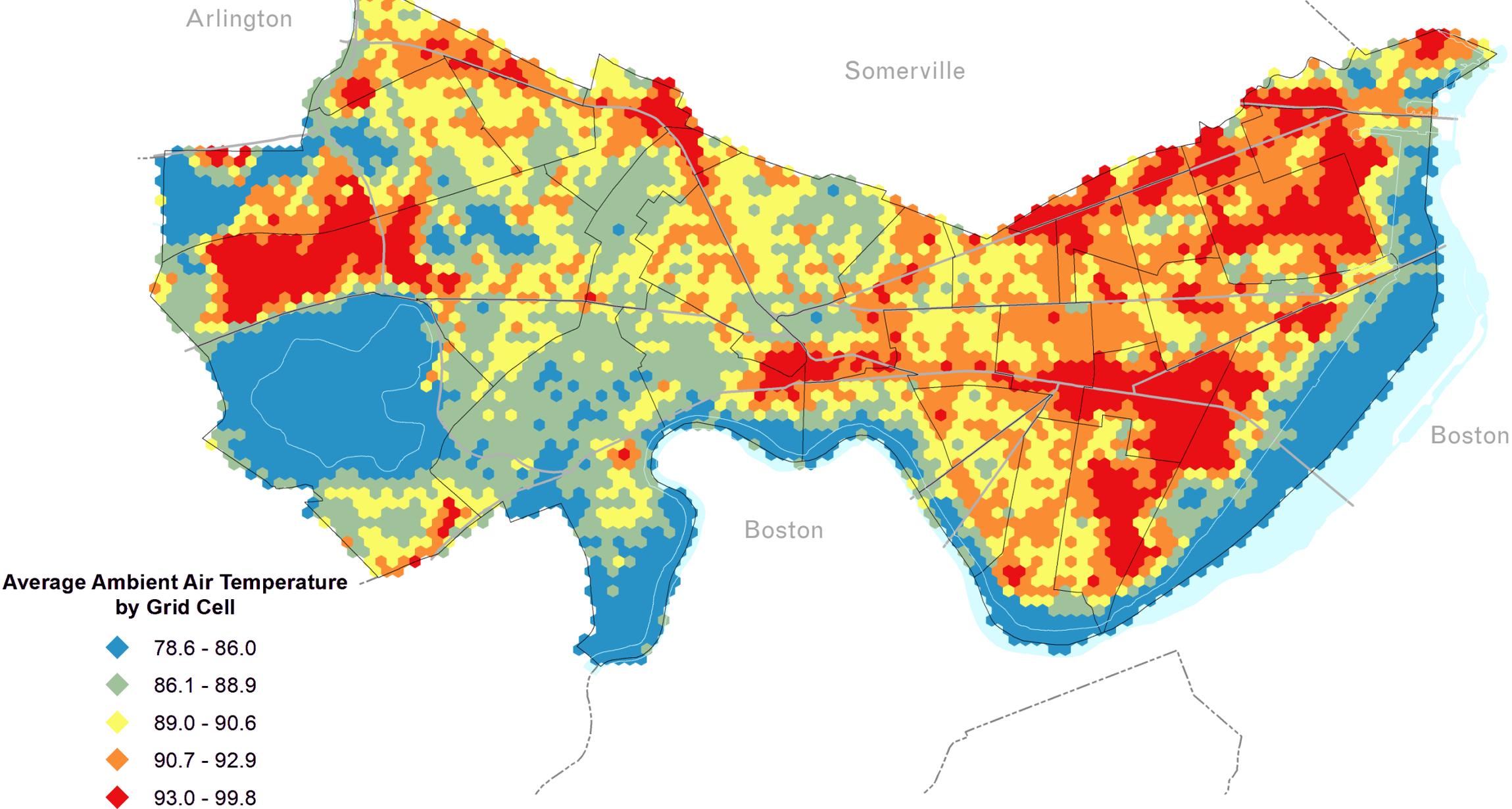
◆ 16.6% - 24.9%

◆ 25% - 30%

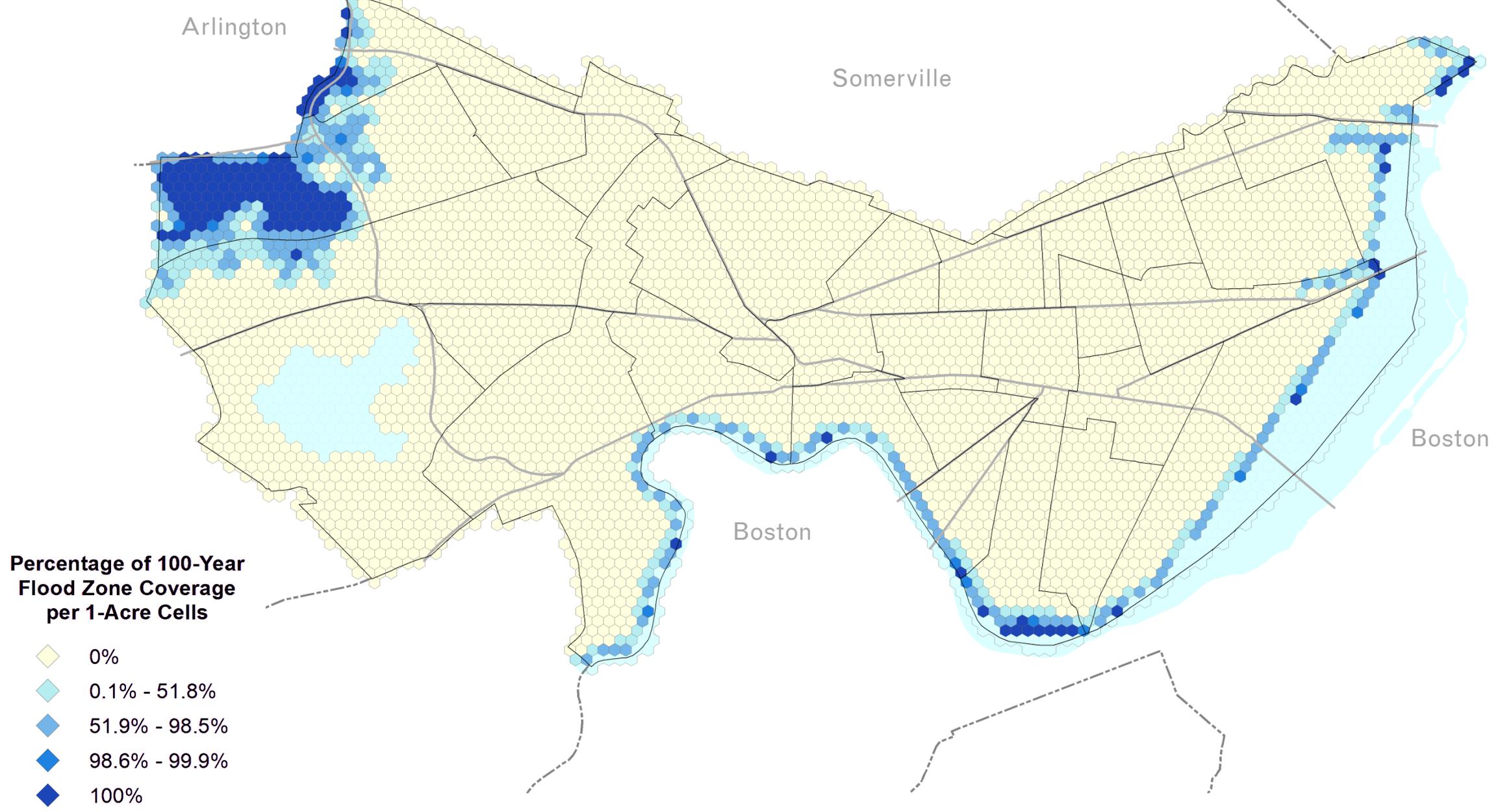
◆ 30.1% - 98.1%

← Above City average, but below target coverage.

Urban Heat Island (Current Day)



FEMA 100-yr flood (current day)



Projected Flooding (100-Year Flood, 2070)

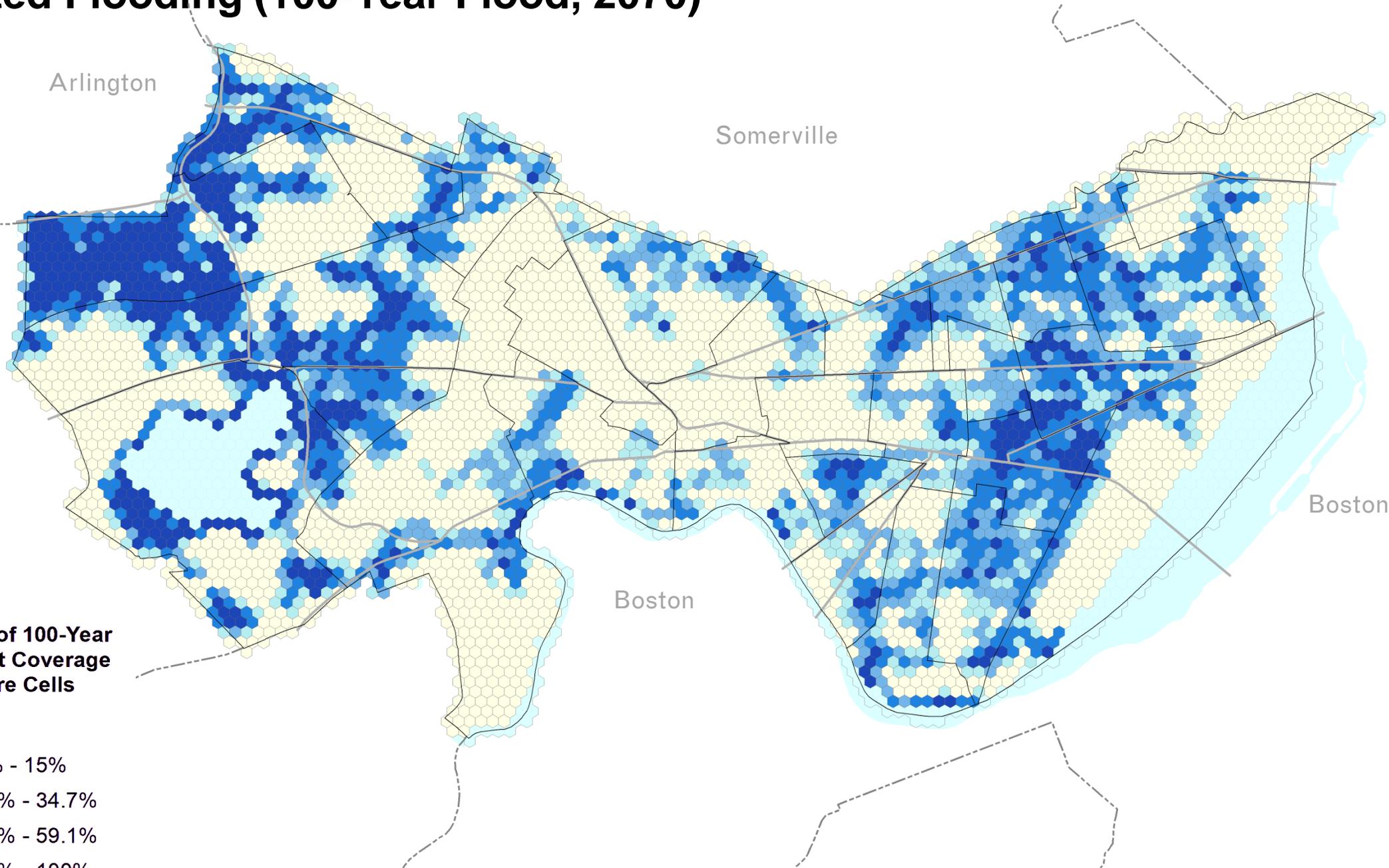
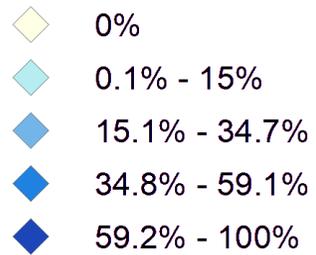
Arlington

Somerville

Boston

Boston

**Percentage of 100-Year
Flood Extent Coverage
per 1-Acre Cells**



Public Health

Estimated prevalence among adults of chronic health issues or other factors, based on data from 500 Cities Project (now PLACES).

Asthma

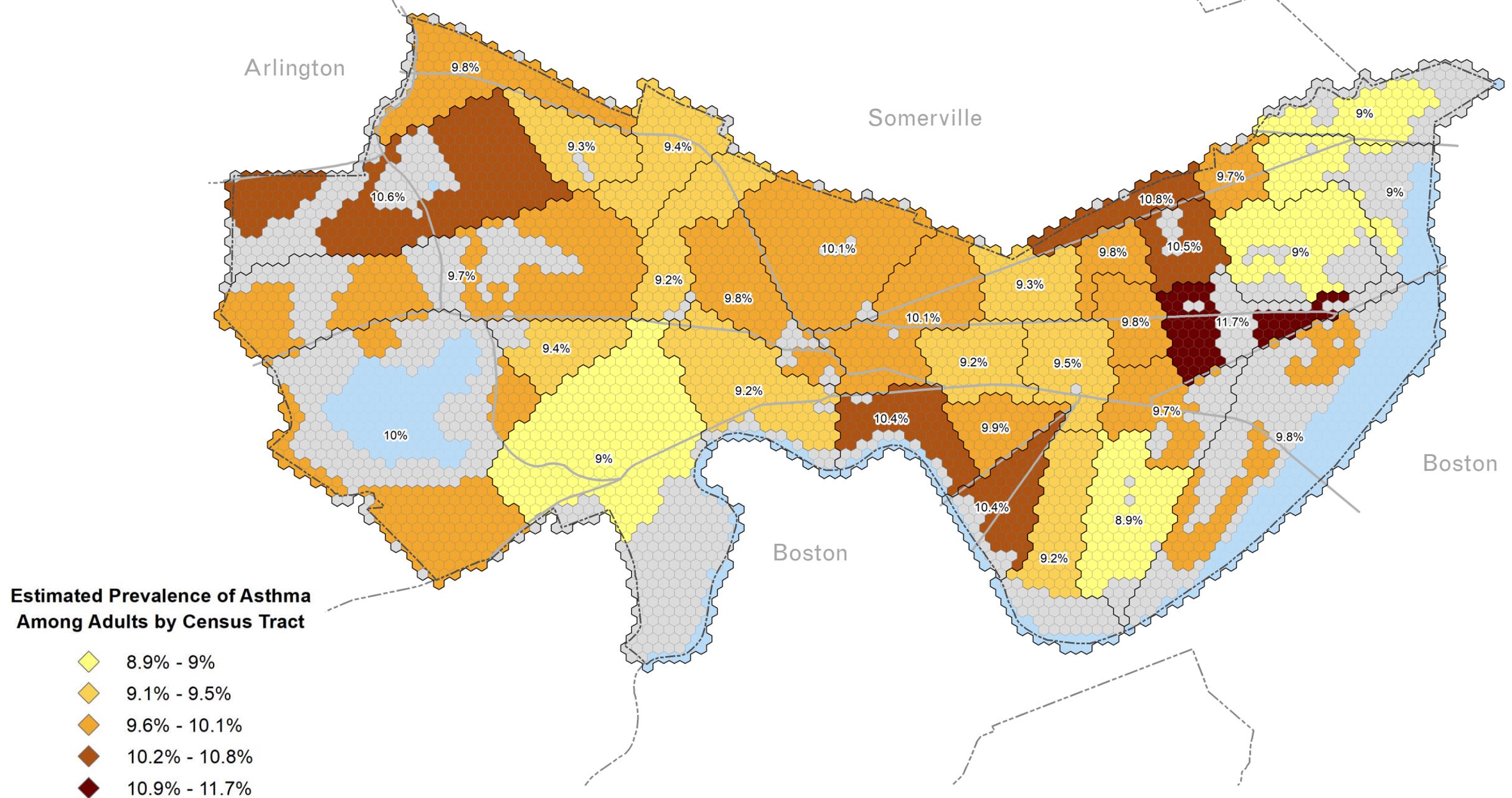
Diabetes

High blood pressure

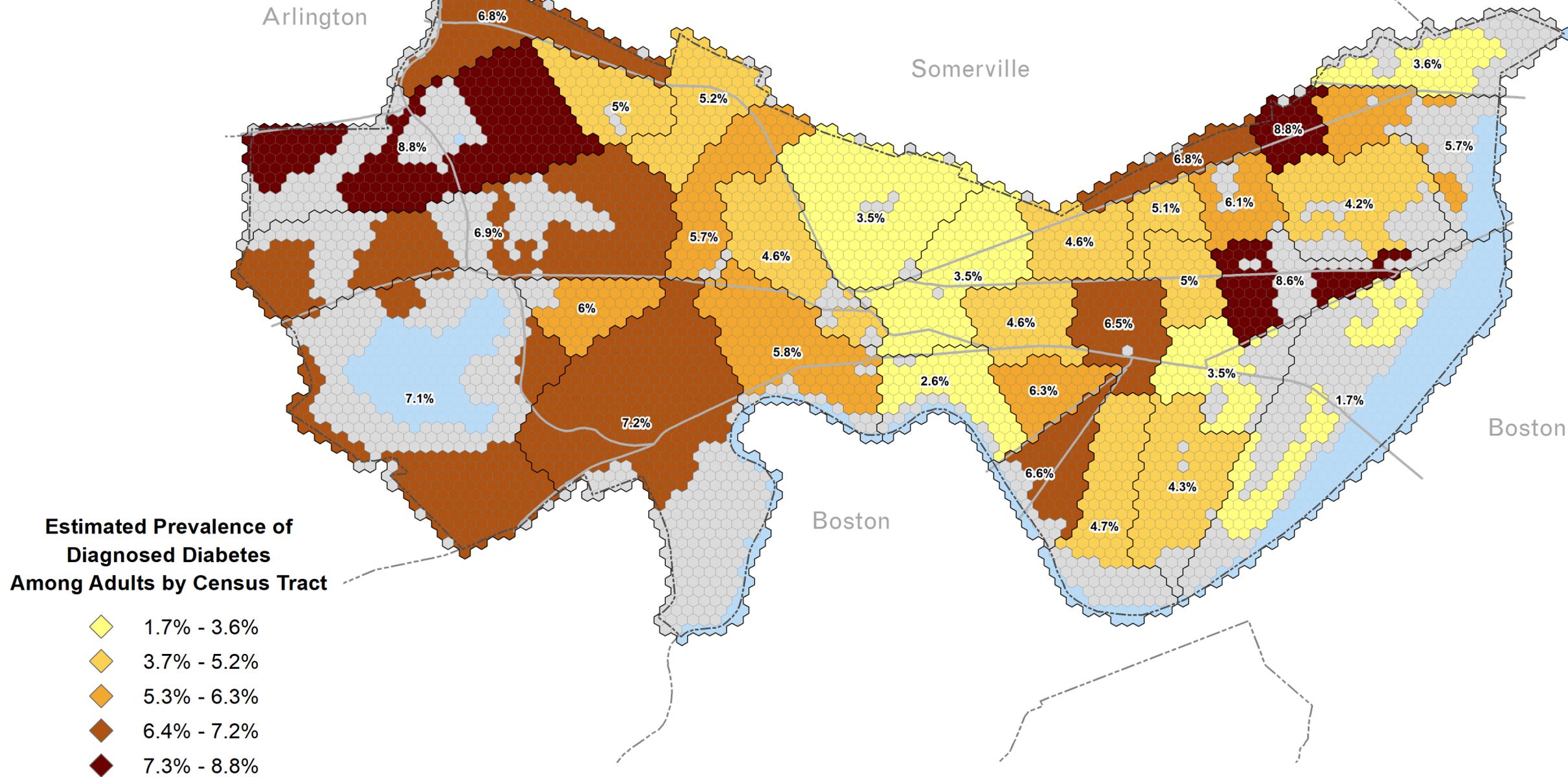
Obesity

Lack of Physical Activity

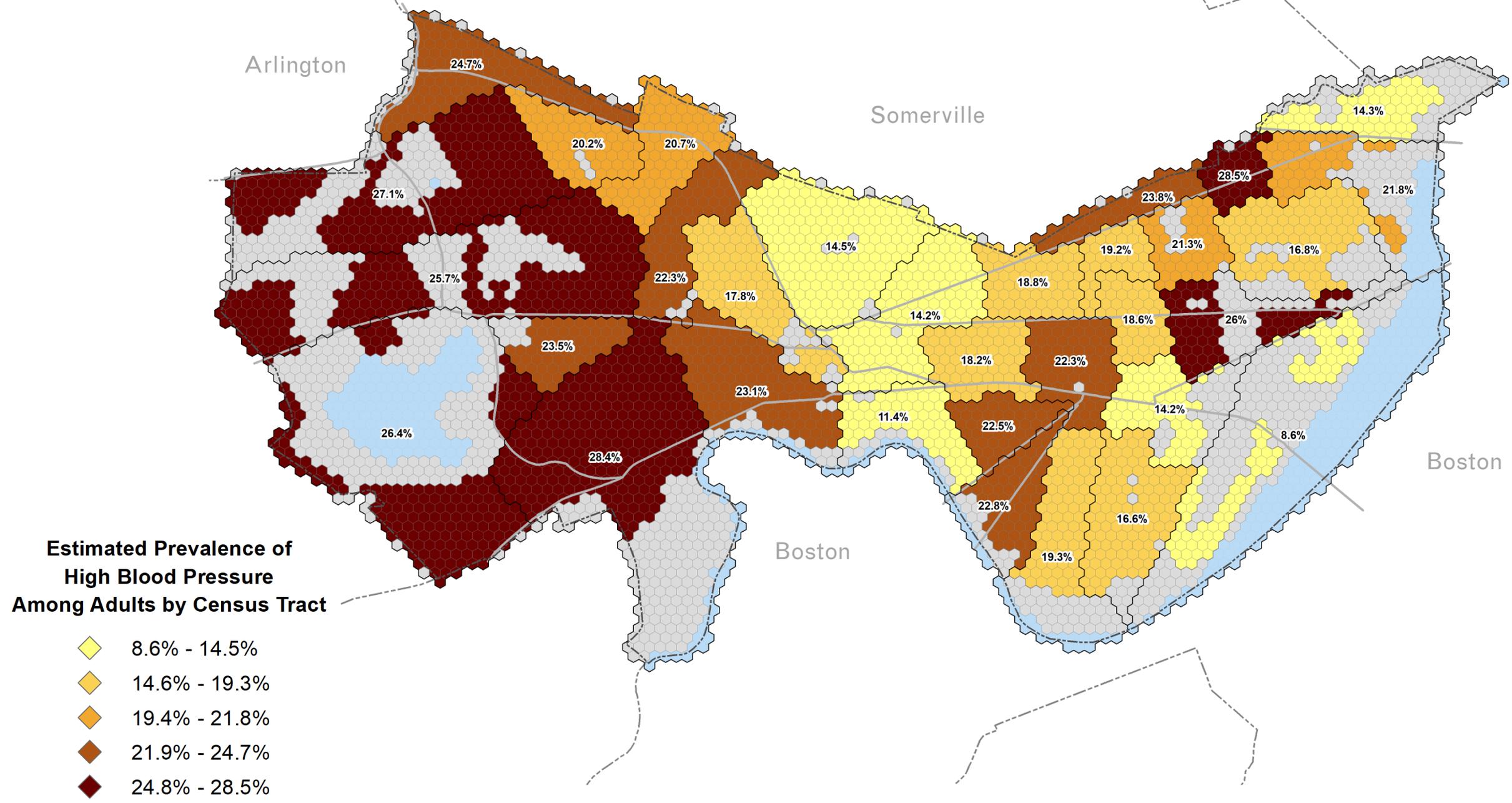
Asthma (Estimated Prevalence Among Adults)



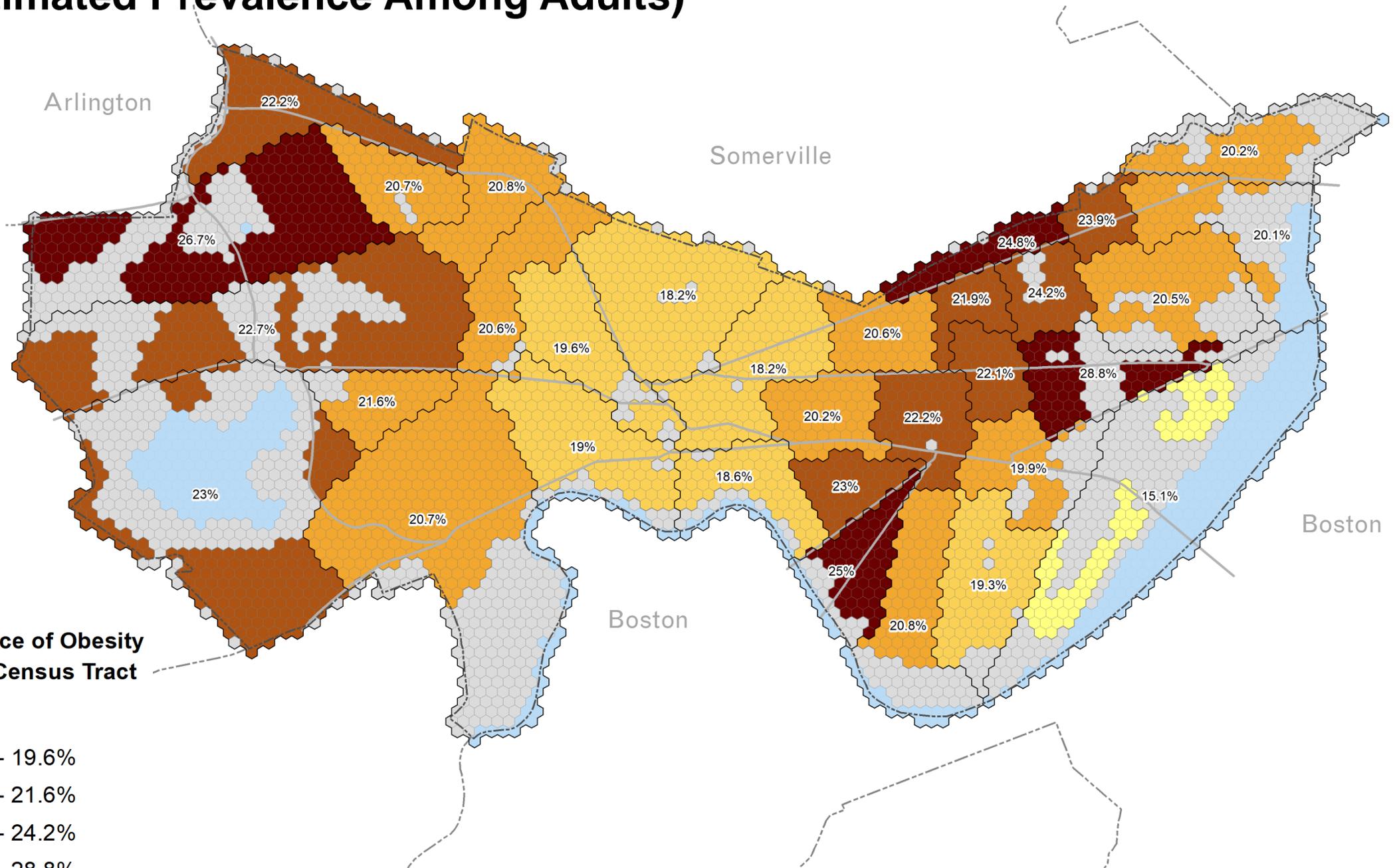
Diabetes (Estimated Prevalence Among Adults)



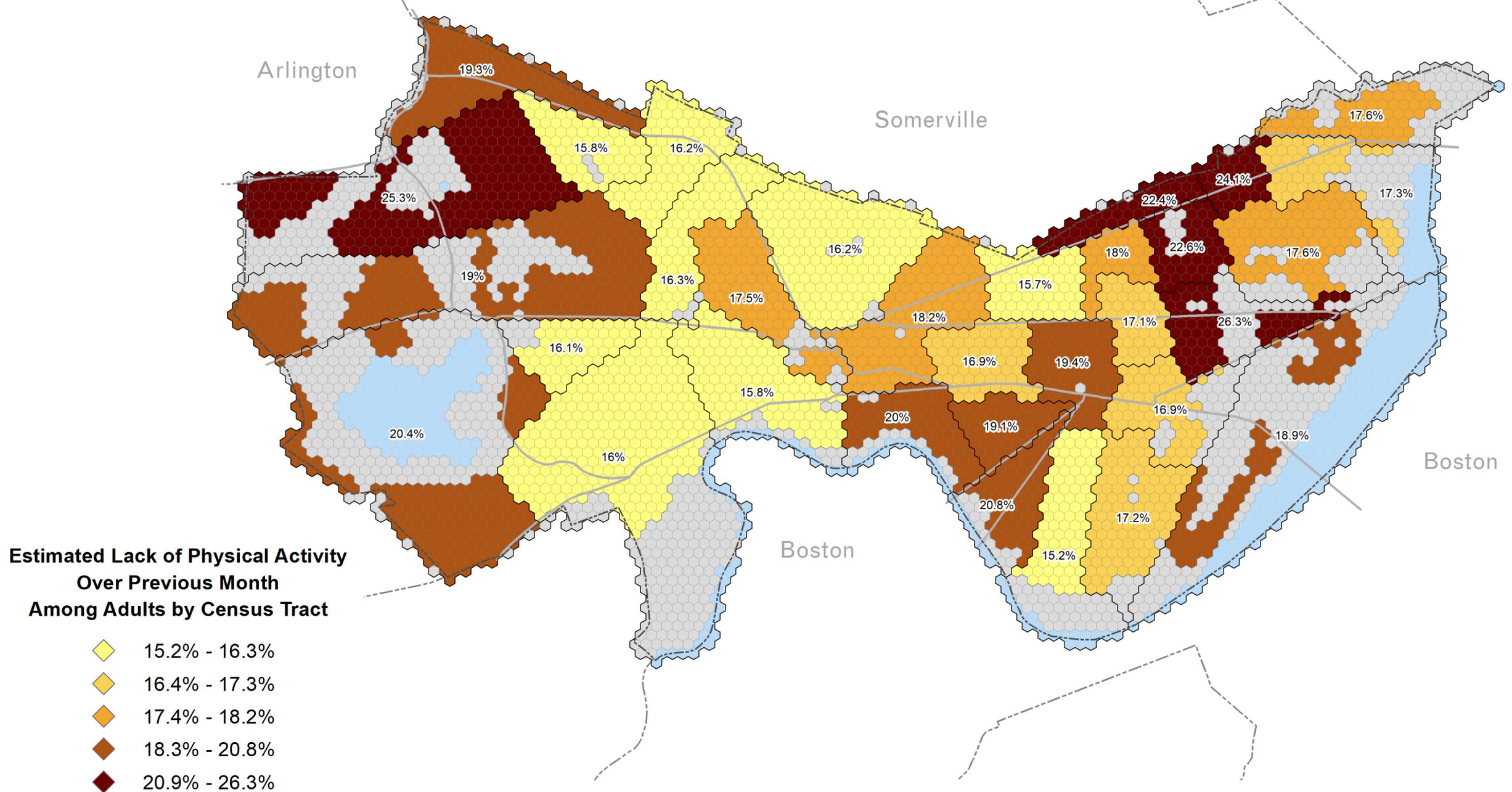
High Blood Pressure (Estimated Prevalence Among Adults)



Obesity (Estimated Prevalence Among Adults)



Lack of Physical Activity Over Previous Month (Estimated Among Adults)



Community

Age Distribution (65+)

Family Populations

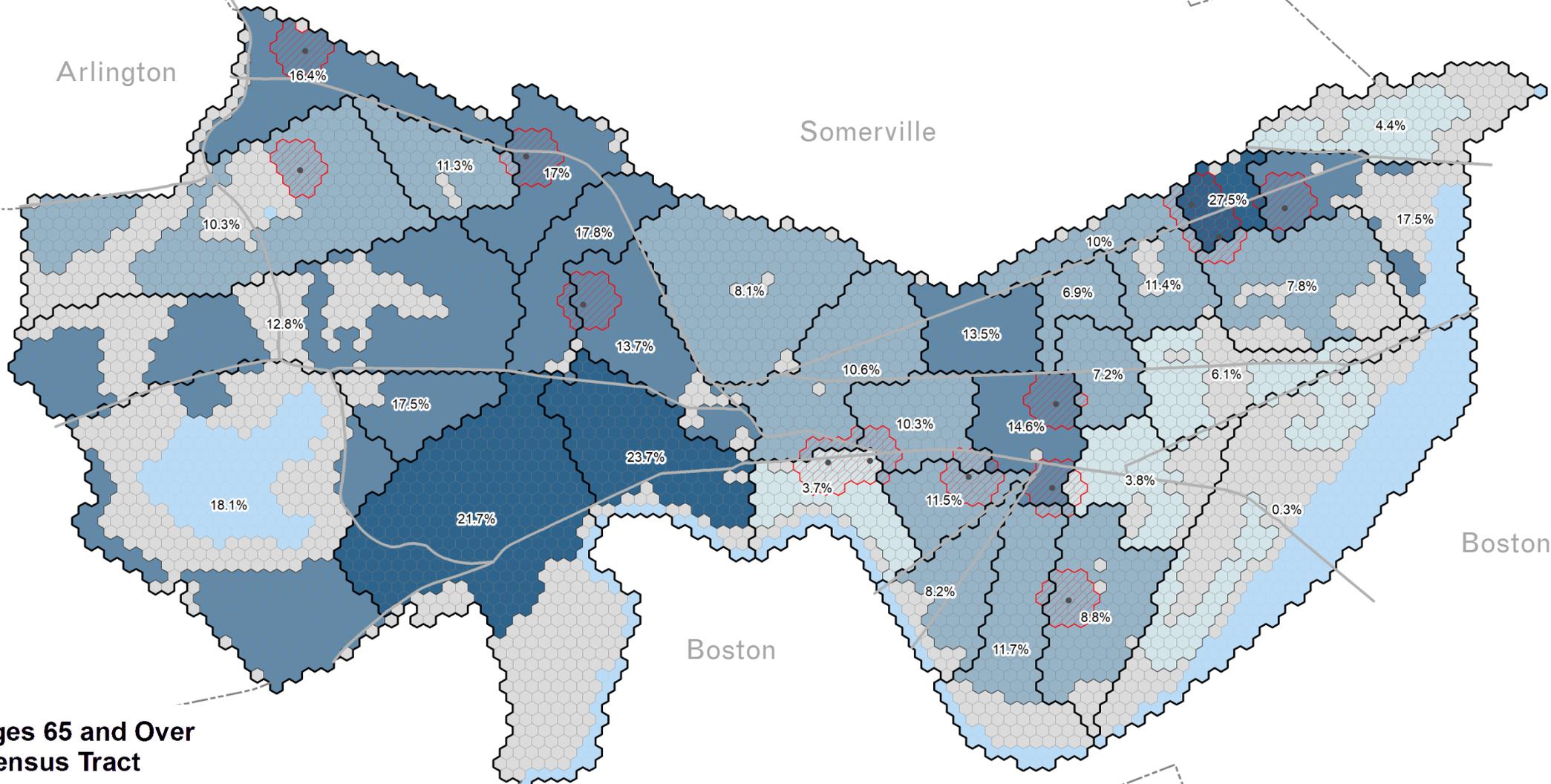
Person with Any Disability

Population at or below 200% Poverty Level

Percentage of Minority Population

Population without Vehicle Access

Age Distribution Ages 65 and Over with Locations of Subsidized Elderly Housing

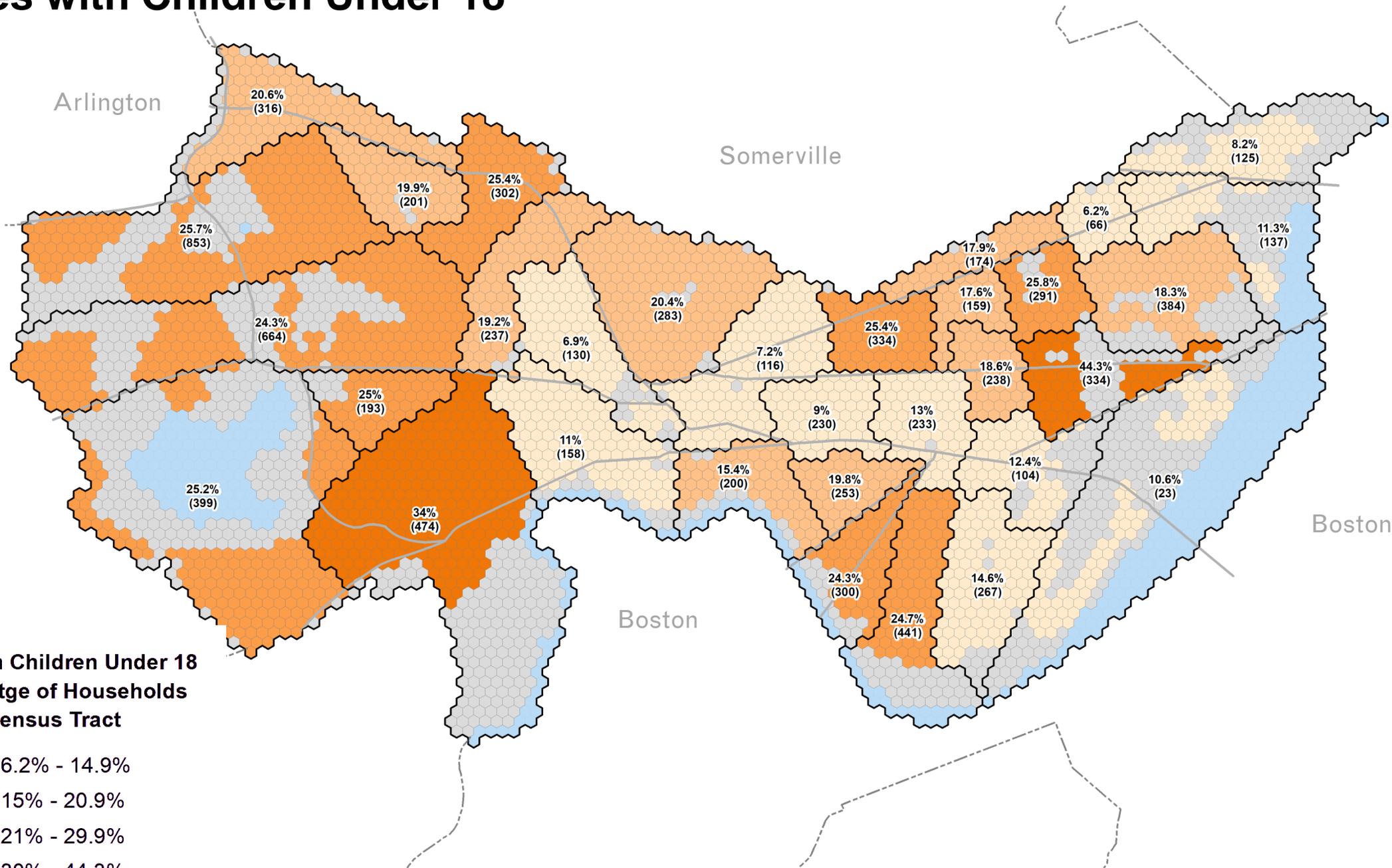
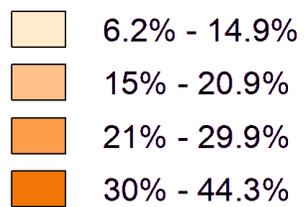


Adults Ages 65 and Over by Census Tract

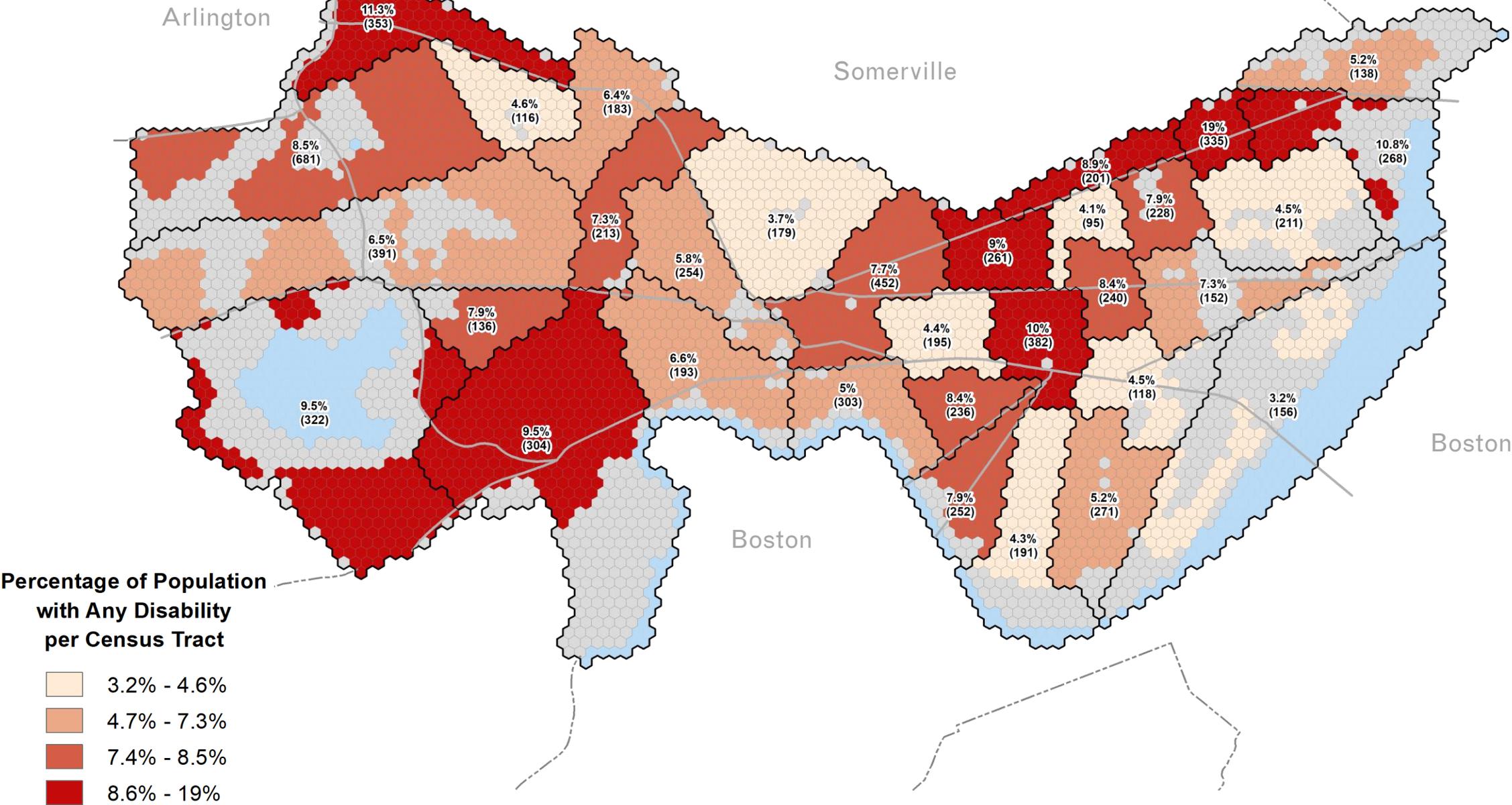
- 0.3% - 6.5%
- 6.6% - 12.5%
- 12.6% - 18.5%
- 18.6% - 27.5%
- Subsidized Elderly Housing Location
- Grid Cells Adjacent to Subsidized Elderly Housing

Families with Children Under 18

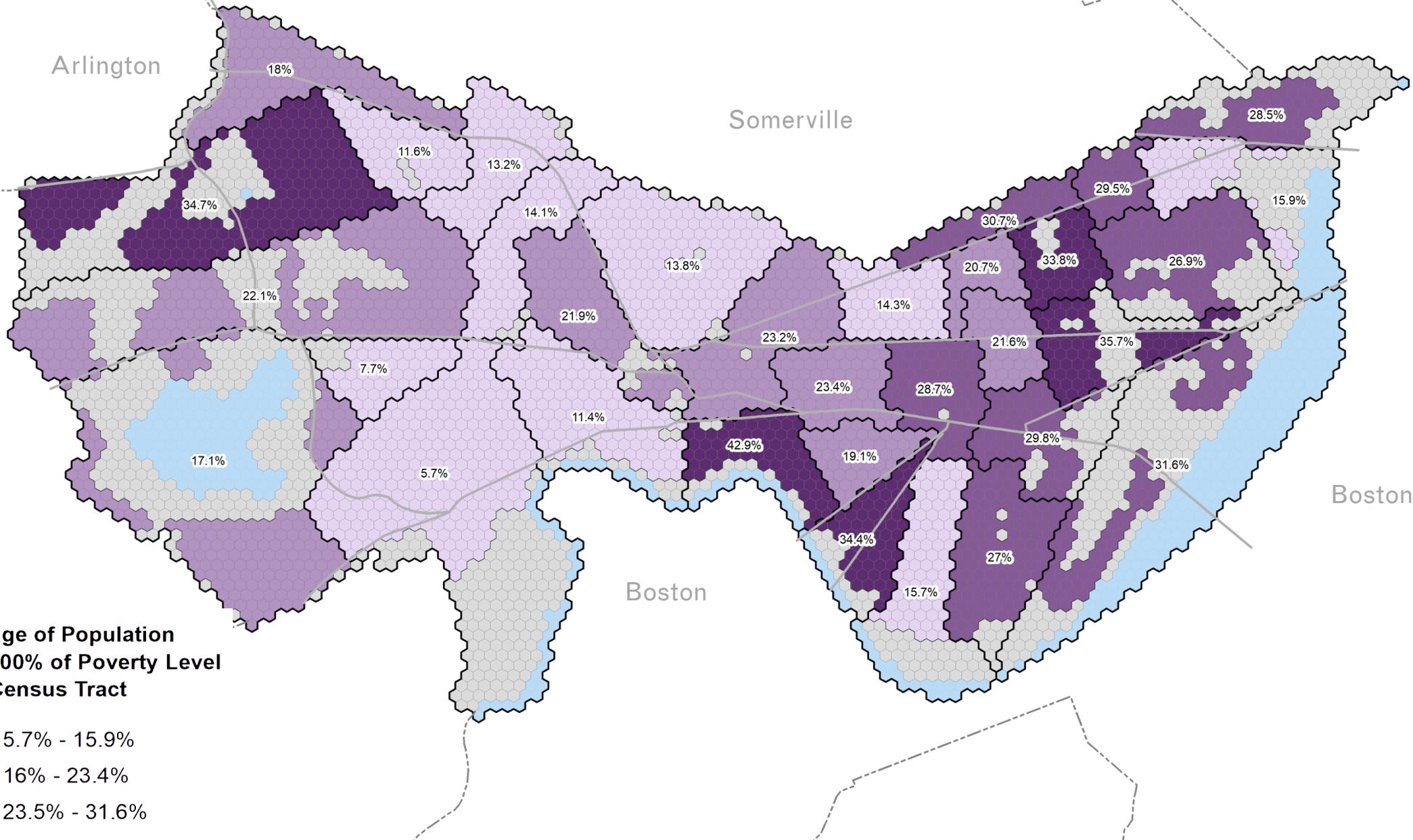
Families with Children Under 18
as a Percentage of Households
per Census Tract



Percentage of Population with Any Disability



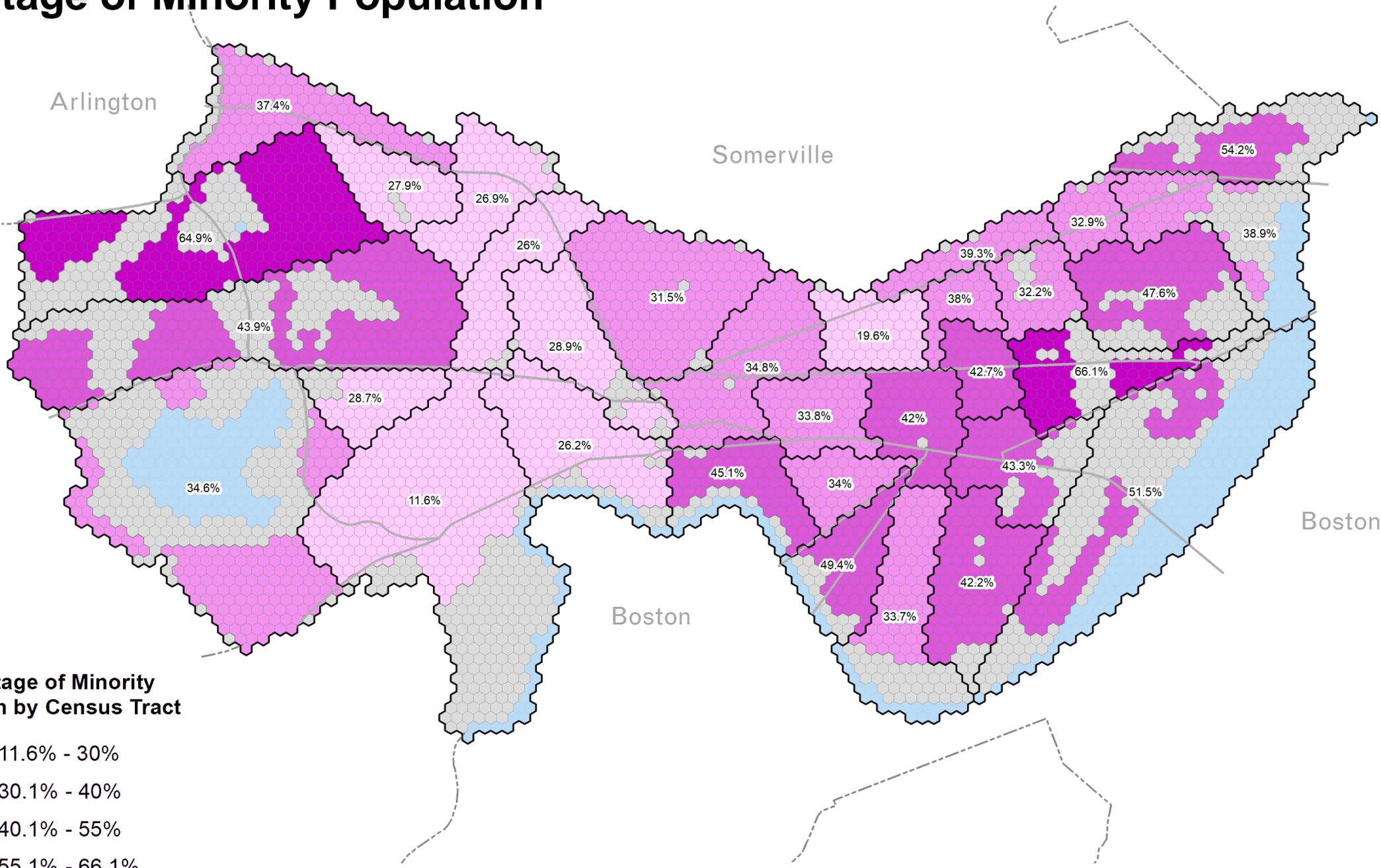
Population with Income at or Below 200% of Poverty Level



**Percentage of Population
at or Below 200% of Poverty Level
by Census Tract**

- 5.7% - 15.9%
- 16% - 23.4%
- 23.5% - 31.6%
- 31.7% - 42.9%

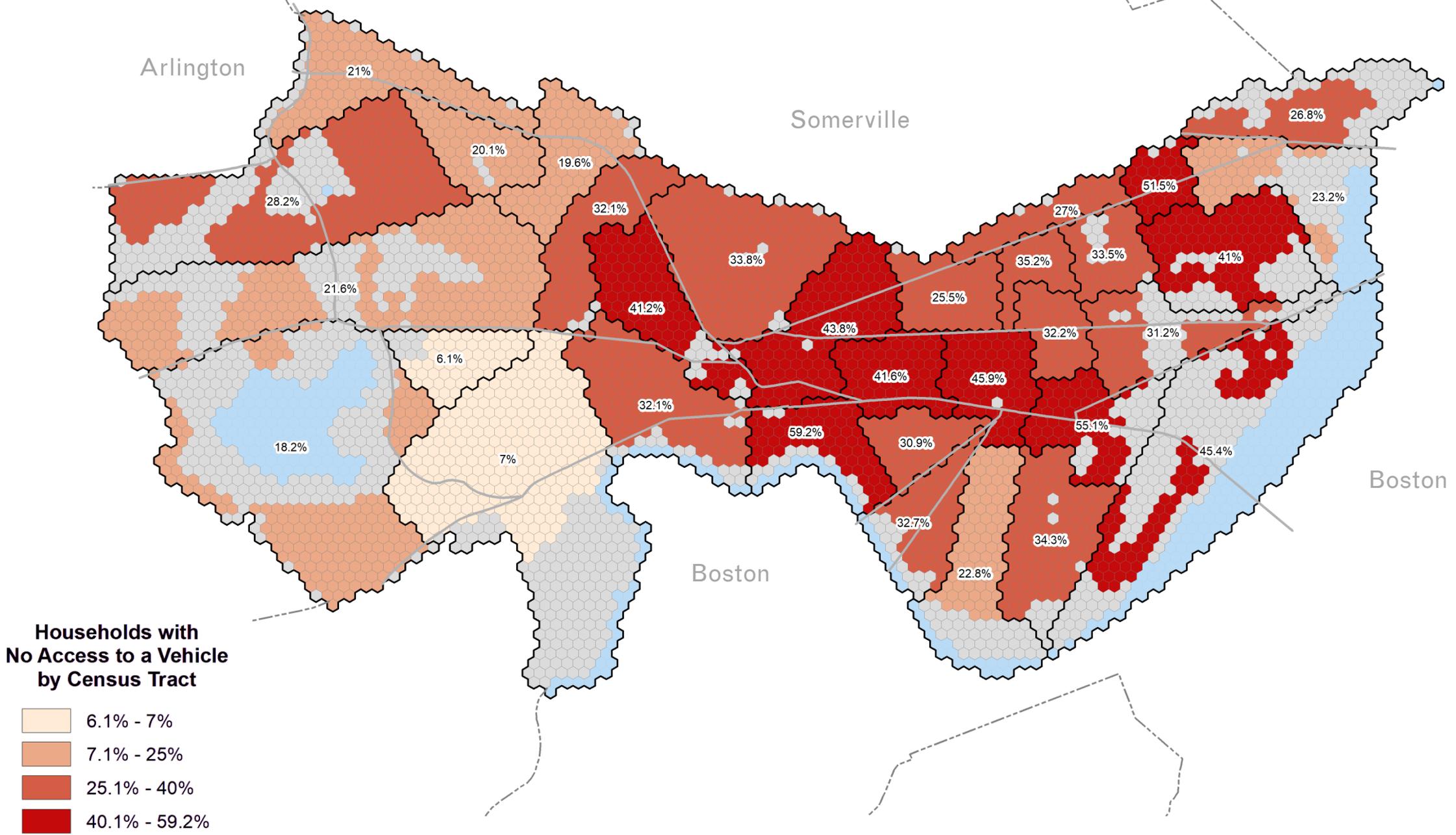
Percentage of Minority Population



Percentage of Minority Population by Census Tract

- 11.6% - 30%
- 30.1% - 40%
- 40.1% - 55%
- 55.1% - 66.1%

Households with No Vehicle (Automobile) Available



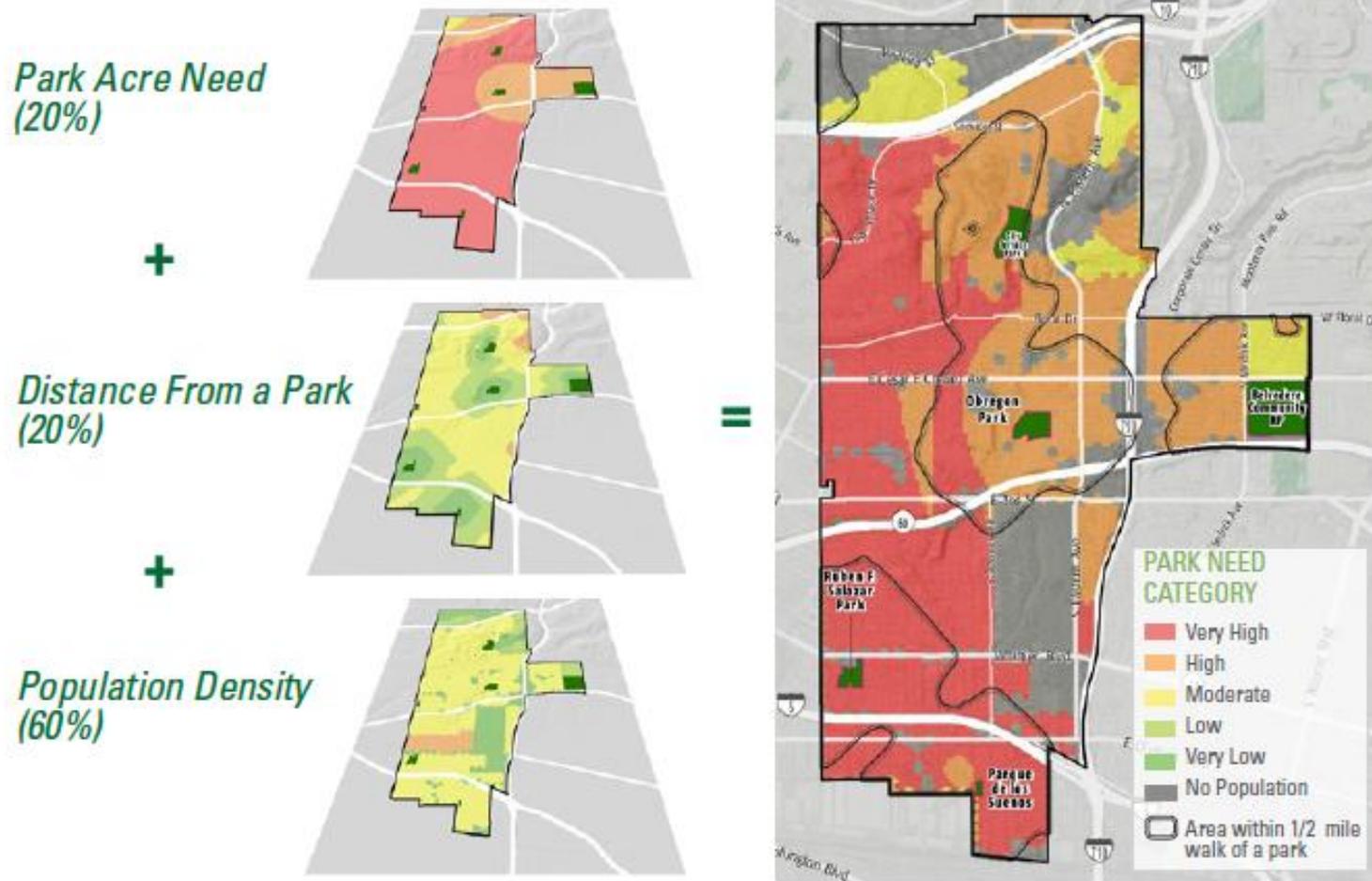
Previewing What's Next

- Review and continue discussions around factors
- Develop index and composite maps – **EXAMPLES** on upcoming slide (will change based on discussion and new data)
- Continue site assessments
- Ongoing community engagement

Citywide Open Space Need

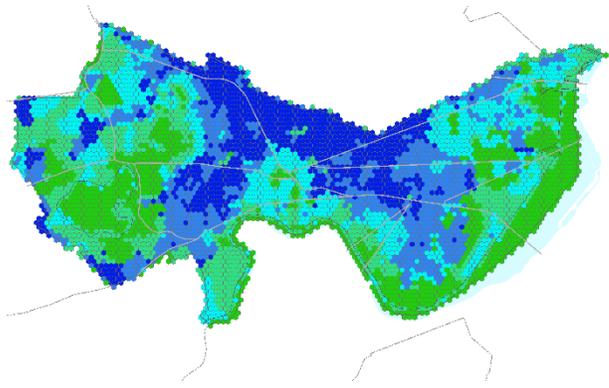
Precedent: LA Countywide Comprehensive Parks & Recreation Needs Assessment

Figure 35. Where Are Parks Most Needed?

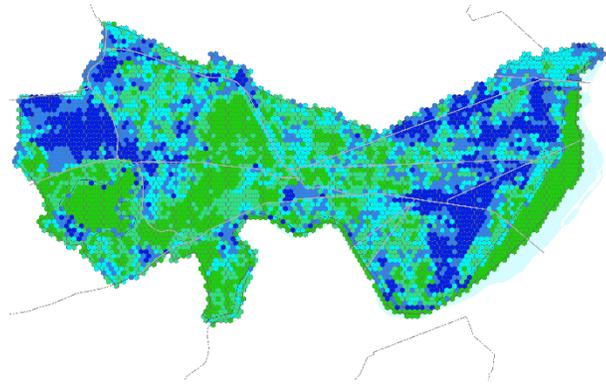


- Based on these factors and metrics, where (and what) is open space need?
- What can we learn from how these factors and metrics interact? Do they compound?
- What do these various metrics tell us, and what do they not, about goals, strategies, and actions?

Park Access Index

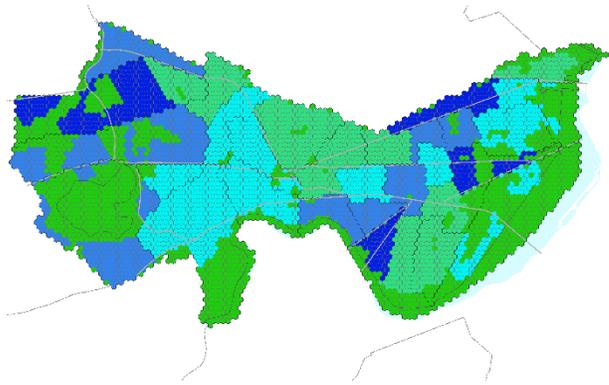


Resilience Index

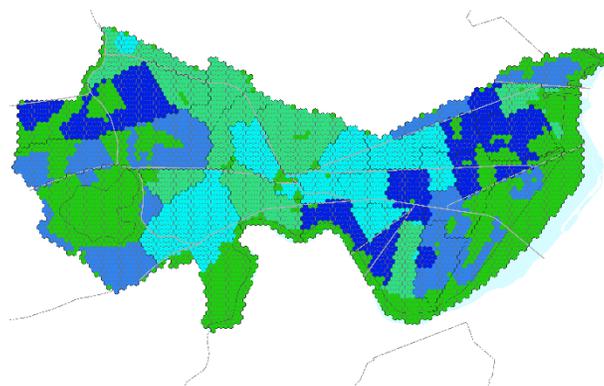


NOTE: Maps are EXAMPLES/DRAFTS to demonstrate methodology. These will be re-run with updated data and based on feedback and discussion.

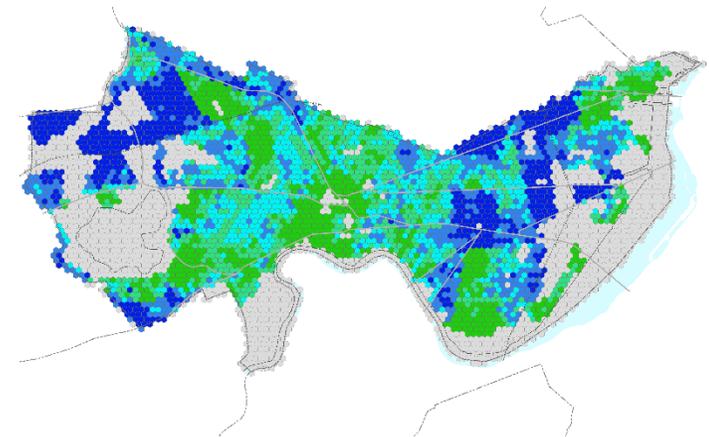
Public Health Index



Community Index



Open Space Needs Composite



Capital Planning (Site-Level) Prioritization

Precedent: Minneapolis Neighborhood Parks Plan

- Translate to site level to help guide capital planning and identify opportunity areas
- Example data for each park site:
 - Condition and Recent Investments
 - Community
 - Resilience
 - Program Needs/Areas of Emphasis

Criteria Matrix for MPRB Capital and Rehabilitation Under 20-Year Neighb
Ensuring Equity in MPRB's Capital Improvment Program

KEY:
 parks in 2017-2022 CIP
 parks added in 2023
 increased score
 decreased score

2017 Rank	2016 Rank	+/-	Park Name	Total Score	Neighborhood Name	Service Area	ACP	PoCSO	2017 RCAP	1. RCAP WEIGHT	2016	2017 POPULATION DENSITY	2. DENSITY WEIGHT	2016	2017 YOUTH POPULATION	3. YOU WEIGH
1	14	-13	Corcoran Park	18.74	Corcoran	South	Yes	Yes	Yes	5	5	9495	2	2	27.7%	2
2	1	-1	Bassett's Creek Park	18.40	Harrison	North/Southwest	Yes	Yes	Yes	5	5	6596	1	1	23.0%	1
3	3	0	Central Gym Park	18.37	Central	South	Yes	Yes	Yes	5	5	14808	3	3	30.4%	2
4	12	-8	Stewart Field Park	18.24	Midtown Phillips	South	Yes	Yes	Yes	5	5	13197	3	3	31.1%	2
5	9	-4	Farwell Park	18.00	Willard - Hay	North	Yes	Yes	Yes	5	5	8496	2	2	34.9%	2
6	2	-4	28th St Totlot	17.50	Whittier	Southwest	Yes	Yes	Yes	5	5	17897	3	3	16.2%	1
7	6	-1	Phillips Pool & Gym	17.50	Midtown Phillips	South	Yes	Yes	Yes	5	5	13197	3	3	31.1%	2
8	11	-3	Hall Park	17.32	Near - North	North	Yes	Yes	Yes	5	5	6173	1	1	36.5%	2
9	10	-1	Peavey Park	17.21	Ventura Village	South	Yes	Yes	Yes	5	5	15452	3	3	30.1%	2
10	26	-16	Riverside Park *	17.20	Cedar Riverside	South	Yes	Yes	Yes	5	5	15022	3	3	18.6%	1
11	7	-4	Summer Field Park	17.00	Summer - Glenwood	North	Yes	Yes	Yes	5	5	7618	2	1	42.8%	2
12	13	-1	Powderhorn Park	16.87	Powderhorn Park	South	Yes	Yes	Yes	5	5	12551	3	3	27.3%	2
13	24	-11	Whittier Park	16.77	Whittier	Southwest	Yes	Yes	Yes	5	3	17897	3	3	16.2%	1
14	18	-4	Perkins Hill Park	16.58	McKinley	North	Yes	Yes	Yes	5	5	5269	1	1	31.9%	2
15	19	-4	Folwell Park	16.30	Folwell	North	Yes	Yes	Yes	5	5	9034	2	2	32.4%	2
16	15	-1	Jordan Park	16.29	Jordan	North	Yes	Yes	Yes	5	5	10592	3	3	36.2%	2
17	16	-1	Currie Park	16.25	Cedar Riverside	South	Yes	Yes	Yes	5	5	15022	3	3	18.6%	1
18	53	-35	Bohannon Field Park	16.14	Lind - Bohanon	North	Yes	Yes	Yes	5	0	6792	2	1	30.5%	2
19	5	-14	Phelps Field Park	16.03	Bryant	South	Yes	Yes	Yes	5	5	10664	3	3	30.9%	2
20	8	-12	Lovell Square Park	16.00	Near - North	North	Yes	Yes	Yes	5	5	6173	1	1	36.5%	2
21	20	-1	North Commons Park	15.97	Willard - Hay	North	Yes	Yes	Yes	5	5	8496	2	2	34.9%	2
22	25	-3	Cedar Field Park	15.75	East Phillips	South	Yes	Yes	Yes	5	5	11711	3	3	37.2%	2
23	17	-6	Painter Park	15.75	Lyndale	Southwest	Yes	Yes	Yes	5	5	15406	3	3	18.1%	1
24	27	-3	East Phillips Park	15.68	East Phillips	South	Yes	Yes	Yes	5	5	11711	3	3	37.2%	2
25	48	-23	Shingle Creek Park *	15.14	Shingle Creek	North	Yes	Yes	Yes	5	0	6550	1	2	27.0%	2
26	21	-5	Willard Park	15.08	Willard - Hay	North	Yes	Yes	Yes	5	5	8496	2	2	34.9%	2
27	30	-3	Cottage Park	15.00	Jordan	North	Yes	Yes	Yes	5	5	10592	3	3	36.2%	2
28	29	-1	Franklin Steele Park	15.00	Elliot Park	South	Yes	Yes	Yes	5	5	16705	3	3	7.4%	0
29	22	-7	Murphy Square Park	15.00	Cedar Riverside	South	Yes	Yes	Yes	5	5	15022	3	3	18.6%	1
30	28	-2	Elliot Park	14.89	Elliot Park	South	Yes	Yes	Yes	5	5	16705	3	3	7.4%	0
31	23	-8	Harrison Park	14.50	Harrison	North	Yes	Yes	Yes	5	5	6596	1	1	23.0%	1
32	33	-1	Glen Gale Park	14.33	Willard - Hay	North	Yes	Yes	Yes	5	5	8496	2	2	34.9%	2
33	32	-1	Farview Park	14.31	Hawthorne	North	Yes	Yes	Yes	5	5	5226	1	1	37.5%	2
34	31	-1	Humboldt Triangle	14.00	Near - North	North	Yes	Yes	Yes	5	5	6173	1	1	36.5%	2
35	4	-31	Bossen Field Park	13.92	Wenonah	South	Yes	Yes	Yes	5	5	3608	1	1	24.3%	2
36	34	-2	Bethune Park	13.57	Near - North	North	Yes	Yes	Yes	5	5	6173	1	1	36.5%	2
37	52	-15	Cleveland Park	13.21	Cleveland	North	Yes	No	No	3	0	7741	2	2	29.3%	2
38	36	-2	Lyndale School Pool	13.00	East Harriet	Southwest	No	No	No	0	0	2980	1	1	18.3%	1
39	35	-4	Victory Park	12.83	Victory	North	Yes	No	No	3	2	6615	1	2	21.1%	1
40	37	-3	Jackson Square Park	12.50	Holland	Northeast/Southeast	Yes	Yes	Yes	5	5	9446	2	2	27.8%	2
41	61	-20	St. Anthony Park	12.40	St. Anthony East	Northeast/Southeast	Yes	No	No	3	3	8851	2	2	11.2%	0
42	44	-2	Audubon Park	12.38	Audubon Park	Northeast/Southeast	No	No	No	0	0	7629	2	2	17.9%	1
43	39	-4	Beltrami Park	12.11	Beltrami	Northeast/Southeast	Yes	No	No	3	0	4654	1	1	18.1%	1

Example from Minneapolis, MN

Breakout Group Guidelines

- Respect each other's right to speak without interruption.
- Be aware of how long and often we speak so that everyone has a chance to contribute.
- Make every effort to listen to each other so we understand the various perspectives.

- Speak for ourselves – 'I think ...' or 'I feel ...' rather than 'everyone knows...'
- No personal attacks or put-downs.
- Use inclusive language.

Breakout Group Questions:

- What factor(s) do you consider important and why?

For each factor:

- Are these the right metrics?
 - Is there anything missing?
 - Are there any that you think should be emphasized more?
-
- Are there factors (broad categories) that we're missing?

Open Space Needs: Factors and Metrics

Park Access 	Resilience 
Park type walksheds	Tree canopy density
Proximity to multiple park types	Urban heat island (current day)
Access to open space acreage	FEMA 100-yr flood (current day)
Population density with housing starts	Projected flooding (100-yr flood by 2070)
Accessible acres of park space per resident	

Public Health 	Community 
Asthma (estimated prevalence)	Age Distribution (65+)
Diabetes (estimated prevalence)	Family populations
High Blood Pressure (estimated prevalence)	Person with any disability
Obesity (estimated prevalence)	Population at or below 200% poverty level
Lack of Physical Activity (estimated prevalence)	Percentage Minority Population by Census tract
	Population without vehicle access

Factors
Metrics

Next Steps

- **Keep the discussion going:**
 - Office hours – signup link is on our project page
 - Survey 2 will be launched next week: *Our Parks Values and Priorities*
 - Focus group/small group discussions in new year
- **Sign up for email list for updates on next community meeting:**
 - Vision and Goals, Strategies
- **For more information:**
 - Visit cambridgema.gov/openspaceplan
 - Contact Gary Chan at gchan@cambridgema.gov